

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

In the Matter of)	
)	
Satellite Delivery of Network Signals)	CS Docket No. 98-201
to Unserved Households for)	
Purposes of the Satellite Home)	
Viewer Act)	
)	
Part 73 Definition and Measurement)	
of Signals of Grade B Intensity)	

**COMMENTS OF
BENEDEK BROADCASTING CORPORATION, CHRONICLE BROADCASTING
COMPANY, DRAPER COMMUNICATIONS, INC., LIN TELEVISION
CORPORATION, MIDWEST TELEVISION, INC.,
PAXTON MEDIA GROUP, INC., POST-NEWSWEEK STATIONS, INC.,
RAYCOM MEDIA, INC., AND SPARTAN COMMUNICATIONS, INC.**

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December 11, 1998

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SUMMARY

The undersigned represent some one hundred television stations in more than thirty states. We are united in opposition to any weakening or redefinition of the Grade B signal intensity standard for purposes of the Satellite Home Viewer Act. The *facts* described in these comments and developed in the attachments show – in considerable detail – the *actual, direct, immediate, and adverse* impact that redefining the Grade B standard would have on the ability of network-affiliated broadcasters to promote and maintain localism.

Examples of the actual adverse effects the proposed changes would have include the following:

- Midwest station WCIA(TV) would lose 60 percent of its viewers, Benedek station WHSV-TV would lose 70 percent, Raycom station KTVO(TV) would lose 70 percent, and Spartan station KIMT(TV) would lose 75 percent.
- Entire counties throughout the United States (such as Kent County, Delaware, and Edgar County, Illinois), would lose their top rated local news programs.
- Napa and Sonoma counties in California would no longer receive Chronicle station KRON-TV's emergency flood coverage.

Because the stations represented by these comments are representative of the industry as a whole – they serve the country from coast to coast, in large cities and small communities – the adverse effects we describe here would be multiplied throughout the country. The Commission should not take any action that would contribute to such harmful and unwarranted results.

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A. Benedek Broadcasting Corporation	
B. Chronicle Broadcasting Company	
C. Draper Communications, Inc	
D. LIN Television Corporation	
E. Midwest Television, Inc.	
F. Paxton Media Group, Inc.	
G. Post-Newsweek Stations, Inc.	
H. Raycom Media, Inc.	
I. Spartan Communications, Inc.	

Before the
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Benedek Broadcasting Corporation ("Benedek"), Chronicle Broadcasting Company ("Chronicle"), Draper Communications, Inc. ("Draper"), LIN Television Corporation ("LIN"), Midwest Television, Inc. ("Midwest"), Paxton Media Group, Inc. ("Paxton"), Post-Newsweek Stations, Inc. ("Post-Newsweek"), Raycom Media, Inc. ("Raycom"), and Spartan Communications, Inc. ("Spartan") urge the Commission not to take any action in this proceeding that would alter the Grade B standard for purposes of the Satellite Home Viewer Act.¹

Standing behind these comments are some one hundred over-the-air television broadcast stations in more than thirty states. We broadcast in communities ranging from the very large (San Francisco, CA) to the comparatively small (Florence, SC); in communities from coast (San Diego, CA) to coast (Wilmington, NC); south (Meridian, MS) to north (Detroit, MI);

northeast (New Haven, CT) to southwest (Tucson, AZ); and midwest (Topeka, KS) to mid-Atlantic (Salisbury, MD). We include affiliates of ABC, CBS, NBC, and Fox, and we include both small family-run operations and large corporations with literally dozens of television stations. We are united in our unequivocal opposition to *any* proposal to redefine, weaken, or replace the Grade B signal intensity standard for purposes of the Satellite Home Viewer Act of 1998, 17 U.S.C. § 119 ("SHVA"). As explained below, the proposals currently under consideration – initially put forward by the National Rural Telecommunications Cooperative ("NRTC") and EchoStar Communications Corporation ("EchoStar") – would cripple this nation's tradition of free over-the-air local television programming.

BACKGROUND

The sole purpose of the Satellite Home Viewer Act was to permit the very small number of households unable to receive local network programming off the air – mostly viewers in mountainous or rural areas – to receive distant network signals using a satellite dish. The statute gives satellite carriers a compulsory copyright license to retransmit copyrighted network signals to "unserved households" throughout the country. Although Congress granted a compulsory copyright license in network programming to satellite carriers, it was justifiably concerned about the potential impact of the compulsory license on the economic viability of local over-the-air broadcasters. As a result, the compulsory license awarded by the SHVA is narrow and circumscribed.² The term "unserved household" is defined in the statute as "a household that cannot receive, through the use of a conventional outdoor rooftop receiving

¹ See Notice of Proposed Rulemaking (FCC 98-302, released November 17, 1998) ("Notice").

² See Notice ¶ 2 (The SHVA "granted a limited exception to the exclusive programming copyrights enjoyed by television networks and their affiliates. . . . The exception is a narrow compulsory copyright license.").

antenna, an over-the-air signal of grade B intensity (as defined by the Federal Communications Commission) of a primary network station affiliated with that network" and that has not received that signal via cable in the previous 90 days. 17 U.S.C. § 119(d)(10). At the time the SHVA was enacted, the Commission estimated that there might be 500,000 such households.³

The narrowness of the SHVA compulsory license reflects a careful legislative compromise between competing values – the needs of Americans in remote rural areas far from broadcast towers, on the one hand, and the preservation of local over-the-air broadcasting, on the other. The compulsory license was limited "because Congress recognized the importance that the network-affiliate relationship plays in delivering free, over-the-air broadcasts to American families, and because of the value of localism in broadcasting." Notice ¶ 3. Localism, which has been a core principle of the nation's broadcasting laws since the Radio Act of 1927, serves the public interest "by making available to local citizens information of interest to the local community (*e.g.*, local news, information on local weather, and information on community events)." Id. When enacting the SHVA, Congress was concerned that "without copyright protection, the economic viability of local stations, specifically those affiliated with national broadcast networks, might be jeopardized." Id., citing H. R. Rep. No. 100-887 (1988).⁴

Notwithstanding the narrowness of the SHVA compulsory license scheme and the satellite industry's initial position that there were few truly unserved households, over the past ten years satellite carriers have been openly marketing copyrighted network signals to households within the markets of network affiliates. The result was the so-called "PrimeTime 24

³ See Inquiry Into the Scrambling of Satellite Television Signals and Access to These Signals By Owners of Home Satellite Dish Antennae, Report, 62 Rad. Reg. 2d (P&F) 687 (1987).

⁴ See also Comments of the National Association of Broadcasters on EchoStar Petition For Rulemaking (RM 9345) (filed September 25, 1998) ("NAB Comments"), at 1.

Lawsuits," in which two separate federal district courts found PrimeTime 24, a satellite carrier, to have engaged in widespread and blatant copyright infringement in its retransmission of copyrighted programming to subscribers that were not "unserved households" within the meaning of the Act. See Notice ¶¶ 6-8. In light of the relief granted in those cases – PrimeTime 24 was enjoined from retransmitting copyrighted programming to certain subscribers – NRTC and EchoStar filed petitions for rulemaking asking, essentially, that the Commission redefine what constitutes a "signal of grade B intensity" so that they might continue to sell copyrighted out-of-market network programming to subscribers within the markets of local network-affiliated television stations.

As explained in the Notice, NRTC has asked the Commission "to adopt, exclusively for purposes of interpreting the SHVA, a new definition of 'unserved' that includes all households located outside a Grade B contour encompassing a geographic area in which 100 percent of the population receives over-the-air coverage by network affiliates 100 percent of the time using readily available, affordable receiving equipment." Notice ¶ 9. EchoStar "endorses a model that predicts an area where 99 percent of households receive a Grade B signal 99 percent of the time with a 99 percent confidence level." Id. These proposals would effectively define as "unserved" all viewers outside the Grade A contour of the local network affiliate in question (and, in fact, many viewers even within the Grade A contour). The resulting elimination of the Grade B "donut" of viewers for every station in the country would have a devastating impact on the ability of many to survive, and on their ability to serve their local communities effectively.⁵

⁵ Although some commenters may press the Commission to consider redefining "Grade B signal intensity" in a less drastic manner than proposed by NRTC and EchoStar, we oppose efforts to replace the Grade B signal intensity standard with one that would *at all* reduce the geographical area of network program exclusivity.

The Notice solicits comment on a number of questions, including whether Congress "froze" the definition of "signal of Grade B intensity" for the purposes of the SHVA when it adopted the statute in 1988 and whether the Commission has the authority to revise its Grade B rules specifically for the purposes of the SHVA. A number of entities – including the National Association of Broadcasters, the Association for Maximum Service Television, and the network affiliate associations – will oppose the proposed changes in filings that address the full spectrum of issues raised by the Notice. While incorporating by reference the arguments made in those filings (for instance, that the Commission lacks the statutory authority to make the proposed changes), our comments focus exclusively on the question posed at ¶ 28 of the Notice: whether a change in the current intensity value would have a detrimental impact on localism. As explained below, it would have a devastating impact.

DISCUSSION

I. The Principle of Localism Lies At The Heart Of Our Over-The-Air Broadcasting System.

Localism is a core value, perhaps *the* core value, of our terrestrial broadcast system. It is the principle that by virtue of the over-the-air broadcasting system, viewers should receive information of interest to and relevant to the local community in which they live, whether it be local news, local weather, information on community events, advertising for local merchants, political advertising of a local nature, or public service announcements reflecting issues of local interest. The Federal Communication Commission has a statutory duty to promote localism in over-the-air television broadcasting. Section 307(b) of the Communications Act of 1934 mandates that the Commission "make such distribution of licenses, frequencies, hours of operation, and of power among the several States and communities as to provide a fair, efficient, and equitable distribution of each to the same." 47 U.S.C. § 307(b). The Commission

has consistently interpreted this provision to require the allocation of television stations to individual broadcast market service areas. Furthermore, Congress has consistently directed the Commission to promote "localism" in the broadcast industry "to afford each community of appreciable size an over-the-air source of information and an outlet for exchange on matters of local concern." Turner Broadcasting Sys. v. FCC, 512 U.S. 622, 623 (1994); see also United States v. Southwestern Cable, 392 U.S. 157, 174 & n.39 (1968).⁶ From its earliest days, over-the-air broadcasting has been local, rather than regional or national, in nature.

In enacting the SHVA, Congress intended to respect and promote localism. See H.R. Rep. No. 100-887, pt. 1, at 14 (1988). The legislative history of the Act makes it quite clear that Congress intended to protect the local network affiliate in part *because* that station "decides which network programs are locally broadcast; produces local news and other programs of special interest to its local audience; and creates an overall program schedule containing network, local and syndicated programming." H.R. Rep. No. 100-887, pt. 2, at 20 (1988). And the United States Supreme Court has reaffirmed that localism is a core value of American broadcasting. "[T]he importance of local broadcasting outlets can scarcely be exaggerated," the Court wrote in the must-carry litigation, "for broadcasting is demonstrably a principal source of information and entertainment for a great part of the Nation's population." Turner Broadcasting, 512 U.S. at 663. Just as the interest in maintaining a local broadcasting structure had not evaporated in Turner Broadcasting simply because of the advent of cable, id. at 663, it has not evaporated now simply because satellite technology has come upon the scene.

⁶ See also NAB Preliminary Response to NRTC Petition (RM 9335) (filed July 17, 1998), at 12 ("Over the past 50 years, Congress and the Commission have worked to foster the development of a national system of free over-the-air broadcast stations to serve local communities around the country.")

II. The NRTC and EchoStar Proposals Would Undermine The Goal Of Localism And Cripple Efforts to Serve Local Communities By The Nation's Broadcasters.

The threat to localism inherent in the proposals before the Commission stems from the staggering number of viewers who would be switched from local to distant network signals. If the proposals of NRTC and EchoStar were adopted, if the Commission were to redefine as "unserved" all or most viewers outside the Grade A contour of every local network affiliate in the country, some 15 to 20 million television households would receive duplicative out-of-area network programming (a far cry from the 500,000 truly unserved households initially described by the Commission). Conservative estimates place the number of viewers affected, per station, at, on average, 15 to 20 percent. And, of course, in many markets the percentage of viewers residing in the Grade B donut is higher than 15 to 20 percent, and the percentage lost to out-of-market signals accordingly much greater.

The undersigned will be among the hardest-hit stations in the country. Midwest station WCIA(TV), for instance, which operates out of Champaign, Illinois, could lose 60 percent of its viewers to distant network signals if the NRTC/EchoStar proposal is adopted.⁷ Raycom station KTVO(TV), which transmits the ABC signal in the Ottumwa (IA) –Kirksville (MO) market, could lose nearly 70 percent of its viewership.⁸ Benedek station WHSV-TV, in Harrisonburg, Virginia, also transmits an ABC signal and stands to lose *more than* 70 percent of its viewers.⁹ Spartan station KIMT(TV), in Mason City, Iowa, may lose as much as 75 percent.¹⁰ Other examples include Benedek stations WMTV(TV), in Madison, Wisconsin, and WYTV(TV)

⁷ See Attachment E.

⁸ See Attachment H.

⁹ See Attachment A.

¹⁰ See Attachment I.

in Youngstown, Ohio, each of which stands to lose approximately 40 percent of its viewers,¹¹ and LIN station WISH-TV, in Indianapolis, which stands to lose 26 percent.¹² In most cases, *entire communities* will be knocked out of station viewing audiences. Spartan station KIMT(TV), for instance, in Mason City, Iowa, will lose the entire city of Waterloo.¹³ Draper station WBOC-TV, which broadcasts the CBS signal from Salisbury, Maryland, will lose Kent County, Delaware.¹⁴ Chronicle station KRON-TV, in San Francisco, will lose all of San Jose.¹⁵

As these examples show, while low VHF stations in hyphenated markets (such as Raycom station KTVO) will be particularly hard hit, and while midwestern stations with viewership diffused throughout their DMAs will lose entire communities (such as Benedek station WYTV), the problem of staggering loss of viewership is shared by stations in urban areas and stations in rural areas, shared by stations in large markets and stations in small markets. Across *all television markets*, network-affiliated stations can expect to lose – on average – 15 to 20 percent of their viewers if the NRTC/EchoStar proposal is adopted, and – in some cases – as much as 75 percent.

The goal of localism is threatened in two ways by this loss of viewers. First, as stations lose local viewers to distant network signals, they will suffer significant losses in advertising revenue. Broadcasters have explained to the Commission that fewer viewers will mean lower ratings and thus less advertising revenue. See Notice ¶ 10. The rates paid by local advertisers for local commercials are a function of the size of each affiliate's local viewing

¹¹ See Attachment A.

¹² See Attachment D.

¹³ See Attachment I.

¹⁴ See Attachment C.

¹⁵ See Attachment B.

audience. Comments of the Network Affiliated Stations Alliance (RM 9335) (filed September 4, 1998), at 33-34. "The correlation between a television station's viewing audience and its advertising rates is direct and immediate. That the importation of duplicative programming will destroy the economic foundation of local broadcast service is a bedrock principle of the Commission's broadcast regulatory policy." *Id.* The decline in advertising revenue will threaten the economic viability of network-affiliated stations and deprive them of desperately-needed funding for programs of local interest. Thus the NRTC/EchoStar proposal, if adopted, would place the future of localism in peril.¹⁶ *Cf. Turner*, 512 U.S. at 634 (noting the nexus between "the advertising revenue base which sustains free local broadcast television" and "the economic viability of free local broadcast television and its ability to originate quality local programming").

Second, as noted above, the NRTC/EchoStar proposal would deprive *entire communities* of local television coverage. Local stations, unlike distant stations, afford a unique outlet for community self-expression. *See, e.g., In re Amendment of Part 76 of the Commission's Rules Concerning Carriage of Television Broadcast Signals By Cable Television Systems*, 1 F.C.C.R. 864, 871 (1986). They provide programming tailored to the particular tastes and needs of the residents in their service areas, programming such as local news and weather, public service announcements relating to issues of local concern, local high school sports

¹⁶ *See also* Comments of Cosmos Broadcasting, Inc. and Cox Broadcasting, Inc. (RM 9345) (filed September 25, 1998), at 14 ("By ensuring a localized broadcast service, the FCC has afforded consumers the ability to receive news and public affairs programming directed toward individual local needs and interests. As a result, local businesses and politicians are able to communicate with local audiences who benefit from the dissemination of timely local news, events, weather and emergency information."); NAB Comments at 8 ("A key source of revenue for local network affiliates is the sale of local advertising time during network programs. Because network programs often command large audiences, the sale of local advertising slots during these programs is one of the most important ways in which stations earn revenues to stay in business and fund their local news, weather, and public affairs programming. When local viewers watch network programming from a distant source, therefore, the economics of local network affiliates are fundamentally undermined.").
(continued...)

coverage, emergency broadcast services, and community events calendars. This provision of "local" programming is a critical part of every broadcaster's obligation to operate in the public interest.¹⁷

The undersigned broadcasters provide programming tailored to communities outside their Grade A contours. These communities will lose this outlet for self-expression if the NRTC/EchoStar proposal is adopted. More than fifty percent of the viewers of Paxton station WPSD-TV, in Paducah, Kentucky, for instance, reside outside the station's Grade A contour, in distinct communities in Kentucky, Tennessee, Missouri, Illinois, and Indiana. WPSD-TV's local news programming reflects the interests of these viewers. The station has, for example, invested a significant amount of money in news coverage of Southern Illinois, where it has a news bureau with live capabilities. It has covered liquor-by-the-drink initiatives in Obion County, Tennessee, and Lyon County, Kentucky, both of which are outside the Grade A contour. And it commits both manpower and money to coverage of weather that affects communities outside the Grade A contour, often providing weather warnings tailored to specific towns faster than any national service can or does. In addition, WPSD-TV provides community services for all its viewers, both inside and outside the Grade A contour.¹⁸

Another station that provides extensive local programming for distinct communities outside its Grade A contour is Draper station WBOC-TV, in Salisbury, Maryland. Thirty-five percent of the station's viewers are outside its Grade A contour, and in *three counties*

¹⁷ See Syndicated Exclusivity Report and Order, 3 F.C.C.R. 5229, 5311 (1988) ("[W]e believe the public interest requires that free, local over-the-air broadcasting be given full opportunity to meet its public interest obligations. An essential element of [the Commission's] responsibility is to create a local television market that allows local broadcasters . . . to serve [their] communit[ies] of license.") (emphasis added).

¹⁸ See Attachment F.

outside the station's Grade A contour – Accomack County (MD), Dorchester County (MD), and Kent County (DE) – WBOC-TV is *the* top-rated station.¹⁹ Indeed, the station has maintained an office in Kent County for twenty years. Ten employees report to the Kent County office, which is located in the county seat of Dover, and half of them are assigned to local news coverage. The primary purpose of the Kent County office is to ensure that WBOC-TV is responsive to the needs and requests of Kent County viewers. WBOC-TV's twenty-year presence in and commitment to Kent County ensures that the residents of the county have quality local programming.²⁰ If the NRTC/EchoStar proposal is adopted and the economic base of WBOC-TV's efforts in the area concomitantly erodes, Kent County will lose this local programming.

Chronicle station KRON-TV also provides local programming tailored to the needs and interests of viewers throughout its Grade B contour. KRON-TV's approach to local coverage reflects the fact that the Bay Area is densely populated and yet there are no other significant television markets nearby. It has always been Chronicle's position that KRON-TV's entire Grade B contour *is* the station's coverage area. Accordingly, the station airs public interest programming designed to provide useful information to viewers throughout the entire Bay Area. For instance, the station has designed and produces twice weekly a program entitled "Bay Area Backroads." This program features weekend getaway spots, bed-and-breakfasts, and areas of historical or cultural significance outside of San Francisco that may be of interest to the station's viewers. KRON-TV also provides news of emergencies for viewers throughout its coverage area. For instance, Napa and Sonoma counties (both of which lie outside the Grade A contour)

¹⁹ That WBOC-TV is the top station in a county outside its Grade A contour is not, in fact, particularly unusual. Midwest station WCIA(TV), for instance, in Champaign (IL), is also "most viewed" in two counties outside its Grade A contour (one of which is actually also outside its Grade B contour), and "most viewed" in five counties that are mostly outside the Grade A contour. See Attachment E.

are prone to severe flooding nearly every year, and the station provides extensive news coverage and safety information for viewers in those counties. Station personnel also meet regularly with state officials to discuss ways of ensuring that the handicapped and the hearing-impaired throughout KRON-TV's viewing area receive accurate and timely information about earthquakes.²¹ Shifting these viewers to out-of-market signals could have significant public safety repercussions.

CONCLUSION

It is not enough for the Commission simply to "recognize the important role that local broadcast stations play in their communities." See Notice ¶ 15. Shrinking this nation's over-the-air broadcast stations to their Grade A coverage areas would have a crushing impact on their ability to compete in the marketplace and to provide local news, public affairs, and emergency programming. We unequivocally oppose any efforts to weaken or replace the Grade

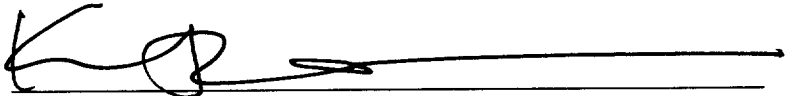
²⁰ See Attachment C.

²¹ See Attachment B.

B signal intensity standard with one that would reduce the geographical area of network program exclusivity and imperil localism. The Commission should reject the NRTC and EchoStar petitions and affirm its intent to protect and promote localism in over-the-air broadcasting.

Respectfully submitted,

BENEDEK BROADCASTING CORPORATION
CHRONICLE BROADCASTING COMPANY
DRAPER COMMUNICATIONS, INC.
LIN TELEVISION CORPORATION
MIDWEST TELEVISION, INC.
PAXTON MEDIA GROUP, INC.
POST-NEWSWEEK STATIONS, INC.
RAYCOM MEDIA, INC.
SPARTAN COMMUNICATIONS, INC.

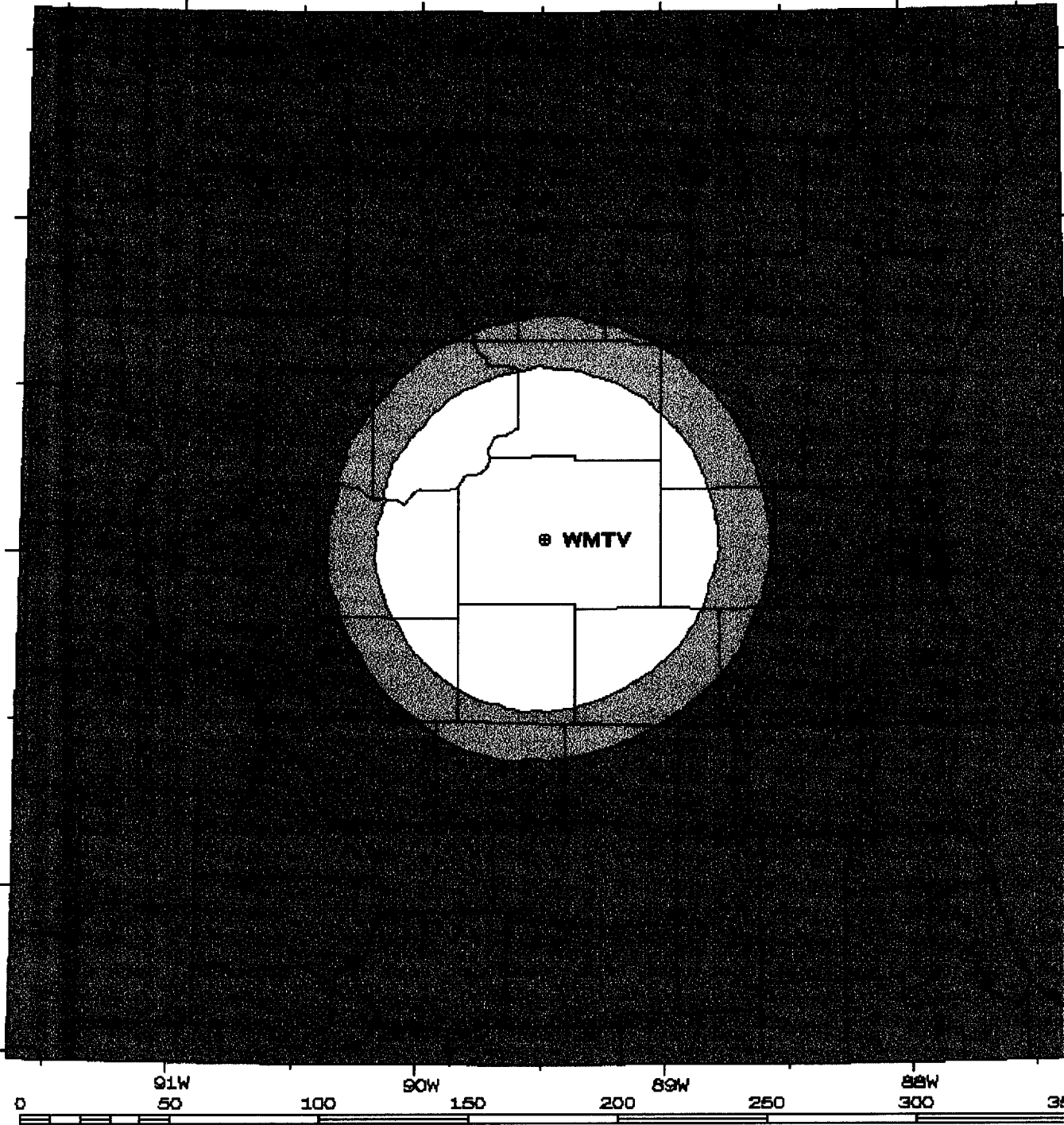
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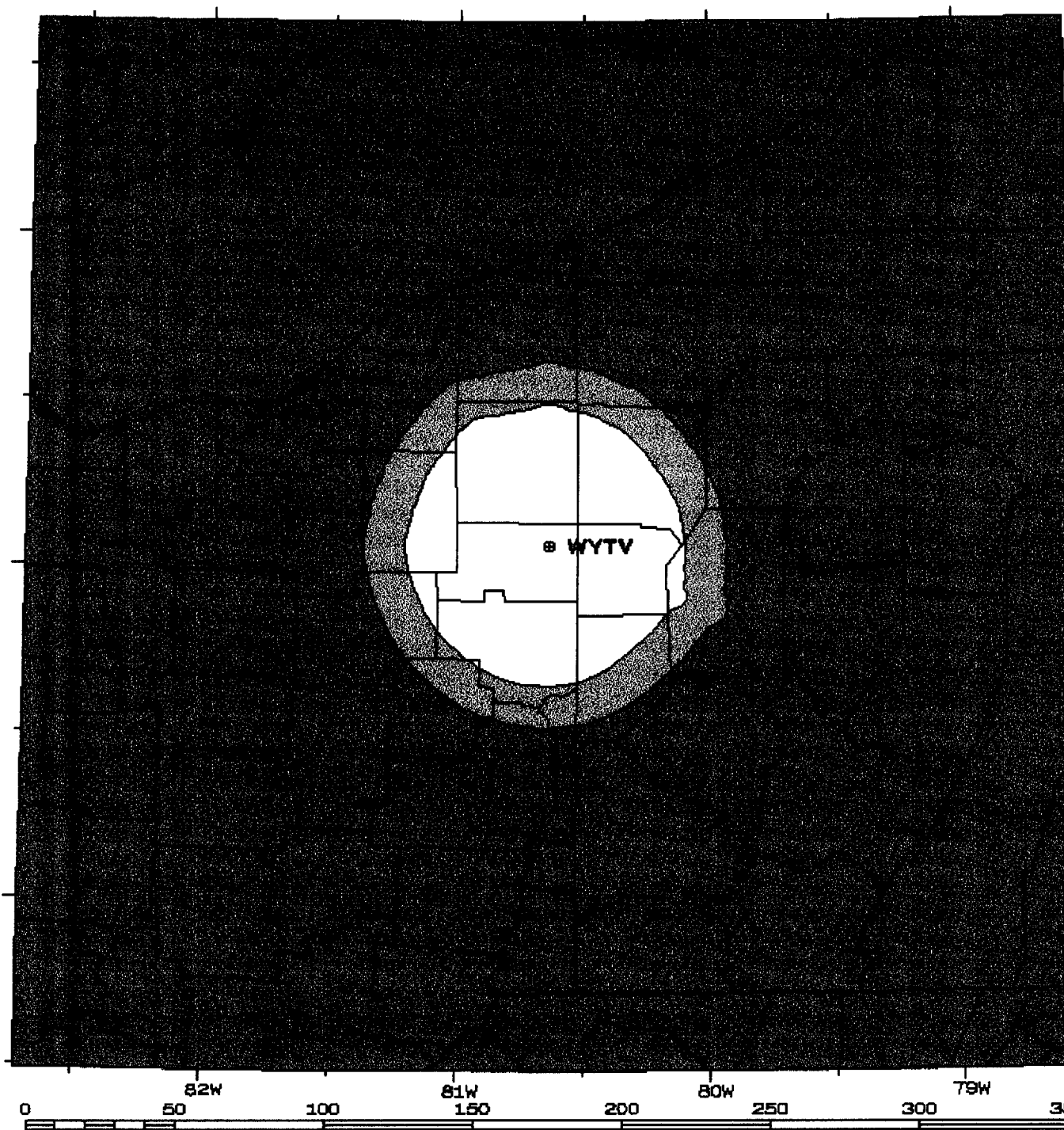
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December 11, 1998





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Rockford, ILPage 1
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Population Within Coverage Area

Title: WHSV (NTSC) Grade B Population Count
Service Threshold: 47.0 dBuV/mLatitude: 38-36-05
Longitude: 78-37-57

County name	State	Housing Units	Population
Allegany County	MD	Net Served: 346	917
Frederick County	MD	Net Served: 488	1,324
Garrett County	MD	Net Served: 165	488
Montgomery County	MD	Net Served: 2,098	4,553
Washington County	MD	Net Served: 4,531	16,939
Total for state	MD	Net Served: 7,628	24,221
Bedford County	PA	Net Served: 101	137
Franklin County	PA	Net Served: 2,124	5,260
Somerset County	PA	Net Served: 23	39
Total for state	PA	Net Served: 2,248	5,436
Albemarle County	VA	Net Served: 20,371	53,218
Augusta County	VA	Net Served: 18,651	47,562
Bath County	VA	Net Served: 45	76
Bedford County	VA	Net Served: 82	175
Botetourt County	VA	Net Served: 15	25
Buckingham County	VA	Net Served: 1,064	3,348
Clarke County	VA	Net Served: 4,165	11,199
Culpeper County	VA	Net Served: 10,371	27,524
Fairfax County	VA	Net Served: 20,646	52,817
Fauquier County	VA	Net Served: 12,393	33,334
Fluvanna County	VA	Net Served: 1,252	3,145
Frederick County	VA	Net Served: 7,779	20,098
Goochland County	VA	Net Served: 38	80

Benedek Broadcasting Co.
Rockford, IL

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Population Within Coverage Area

Title: WHSV (NTSC) Grade B Population Count
Service Threshold: 47.0 dBuV/m

Latitude: 38-36-05
Longitude: 78-37-57

County name	State	Housing Units	Population
Greene County	VA	Net Served: 4,088	10,119
Highland County	VA	Net Served: 314	422
Loudoun County	VA	Net Served: 3,428	8,663
Louisa County	VA	Net Served: 4,476	9,831
Madison County	VA	Net Served: 4,547	11,949
Nelson County	VA	Net Served: 734	1,149
Orange County	VA	Net Served: 8,030	18,784
Page County	VA	Net Served: 8,948	21,690
Prince William County	VA	Net Served: 2,762	9,503
Rappahannock County	VA	Net Served: 2,842	6,356
Rockbridge County	VA	Net Served: 1,024	2,319
Rockingham County	VA	Net Served: 22,516	57,224
Shenandoah County	VA	Net Served: 15,064	31,400
Spotsylvania County	VA	Net Served: 5,989	16,839
Stafford County	VA	Net Served: 1,357	4,164
Warren County	VA	Net Served: 10,959	25,517
Charlottesville city	VA	Net Served: 16,381	39,319
Fairfax city	VA	Net Served: 2,999	7,642
Harrisonburg city	VA	Net Served: 10,900	30,707
Staunton city	VA	Net Served: 9,284	23,027
Waynesboro city	VA	Net Served: 7,902	18,549
Winchester city	VA	Net Served: 2,085	4,711
Total for state	VA	Net Served: 243,501	612,485
Berkeley County	WV	Net Served: 2,550	6,274

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Population Within Coverage Area

Title: WHSV (NTSC) Grade B Population Count
Service Threshold: 47.0 dBuV/m

Latitude: 38-36-05
Longitude: 78-37-57

County name	State	Housing Units	Population
Grant County	WV	Net Served: 2,521	5,863
Hampshire County	WV	Net Served: 1,934	3,496
Hardy County	WV	Net Served: 4,974	9,601
Jefferson County	WV	Net Served: 8,101	19,285
Mineral County	WV	Net Served: 487	1,299
Morgan County	WV	Net Served: 48	39
Pendleton County	WV	Net Served: 2,839	4,993
Randolph County	WV	Net Served: 158	337
Tucker County	WV	Net Served: 108	181
Total for state	WV	Net Served: 23,724	51,368
Total for all states and counties:		Net Served: 277,101	693,510

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Rockford, ILPage 1
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Population Within Coverage Area

Title: WHSV (NTSC) Grade A Population Count
Service Threshold: 68.0 dBuV/mLatitude: 38-36-05
Longitude: 78-37-57

County name	State	Housing Units	Population
Albemarle County	VA	Net Served: 6	5
Augusta County	VA	Net Served: 10,362	26,325
Clarke County	VA	Net Served: 920	2,558
Fauquier County	VA	Net Served: 1	2
Frederick County	VA	Net Served: 618	1,458
Greene County	VA	Net Served: 14	38
Loudoun County	VA	Net Served: 11	17
Madison County	VA	Net Served: 7	4
Nelson County	VA	Net Served: 312	262
Page County	VA	Net Served: 8,866	21,503
Rappahannock County	VA	Net Served: 7	3
Rockingham County	VA	Net Served: 19,659	50,915
Shenandoah County	VA	Net Served: 9,626	19,487
Warren County	VA	Net Served: 5,611	13,276
Harrisonburg city	VA	Net Served: 10,900	30,707
Staunton city	VA	Net Served: 6,589	16,835
Waynesboro city	VA	Net Served: 2,910	6,961
Total for state	VA	Net Served: 76,419	190,356
Hardy County	WV	Net Served: 284	595
Jefferson County	WV	Net Served: 437	899
Pendleton County	WV	Net Served: 40	48
Randolph County	WV	Net Served: 43	85

Benedek Broadcasting Co.
Rockford, ILPage 2
May 5, 1997

Population Within Coverage Area

Title: WHSV (NTSC) Grade A Population Count
Service Threshold: 68.0 dBuV/mLatitude: 38-36-05
Longitude: 78-37-57

County name	State	Housing Units	Population

Total for state	WV	Net Served: 804	1,627
Total for all states and counties:		Net Served: 77,223	191,983

BEFORE THE FEDERAL COMMUNICATIONS COMMISSION

DECLARATION OF JAMES H. ESSER

I, James H. Esser, declare as follows:

1. I am the Director of Community Relations and Legal Affairs for Chronicle Broadcast Company, licensee of KRON-TV (San Francisco, CA).
 2. KRON-TV broadcasts an NBC signal on Channel 4.
 3. KRON-TV's approach to "local coverage" reflects the facts that the Bay Area is densely populated, and yet the San Francisco market – unlike other top ten television markets (like New York) – does not have other significant television markets nearby. It has always been Chronicle's position that KRON-TV's entire Grade B contour *is* the station's coverage area.
 4. There are a number of counties entirely or mostly outside KRON-TV's Grade A contour but within its Grade B signal intensity area. Those counties include Napa, Solano, Sonoma, San Joaquin, Santa Clara, and Santa Cruz. A recent contour map for KRON-TV is attached to my declaration.
 5. On December 8, 1998, the engineering consulting firm of Hammett & Edison calculated the total number of people in KRON-TV's Grade B contour as 7,163,460 and the total number of people within the Grade A contour as 4,866,477. Using a population-to-viewing-households ratio of 2.65 to 1, I have calculated the total number of viewing households in KRON-TV's Grade B contour as 2,703,192 and the number of viewing households within the Grade A contour as 1,836,406. Thus, I have calculated, 32 percent of the station's viewers lie outside the Grade A contour.
-

6. KRON-TV provides news coverage and emergency broadcast coverage for counties throughout its viewing area. Several of those counties are outside its Grade A contour. For instance, Napa and Sonoma are prone to severe flooding nearly every year, and the station provides extensive news coverage of those floods and related safety information. These floods are often life-threatening and are frequently in residential areas. It is Chronicle's position that KRON-TV's duty to provide flood coverage to these counties is *absolute*.

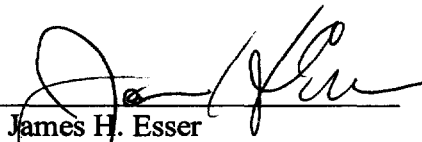
7. To give another example of KRON-TV's commitment to emergency services for residents throughout its coverage area: station personnel meet regularly with state officials to discuss ways of ensuring that the handicapped and the hearing-impaired throughout its viewing area receive accurate and timely information about earthquakes. The earthquake coverage we provide to these viewers is critical and life-preserving.

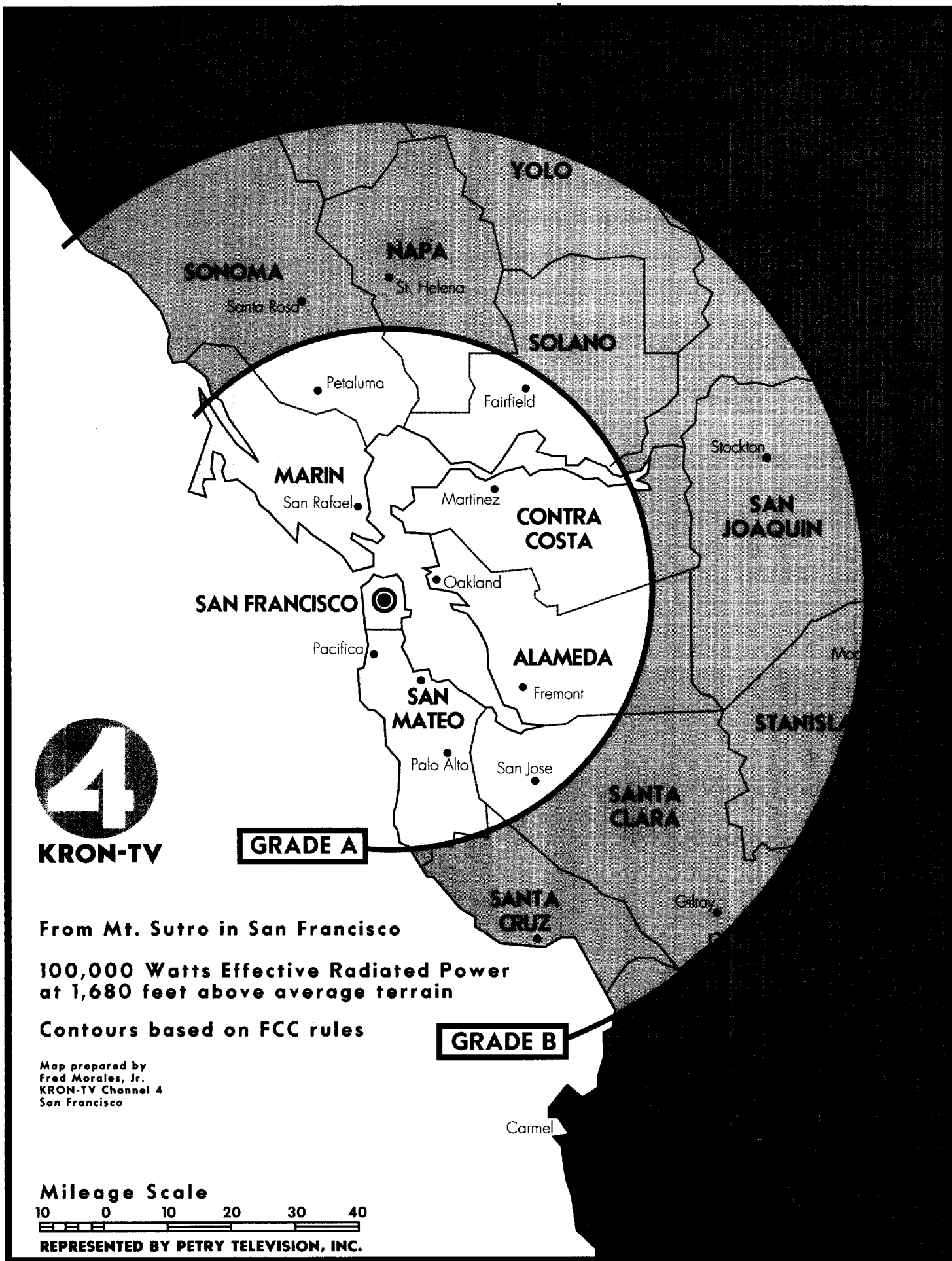
8. In order to facilitate its news coverage of its entire viewing area, KRON-TV has bureaus working out of counties in the Grade B contour. For instance, there is a bureau serving Sonoma, Napa and Solano Counties, and there is a separate bureau covering Contra Costa and Alameda Counties (the eastern portion of those counties is outside the station's Grade A contour). KRON-TV operates a major newsroom bureau in San Jose, on the edge of the Grade B contour, covering Santa Clara and Santa Cruz Counties (which lay primarily within the Grade B contour).

9. KRON-TV airs public interest programming designed to provide useful information to its viewers about places and events throughout its coverage area. For instance, the station has designed and produces twice weekly a program entitled "Bay Area Backroads." This program features weekend getaway spots, bed-and-breakfasts, and areas of historical or cultural significance outside of San Francisco that may be of interest to the station's viewers.

10. The significant population of KRON-TV's Grade B contour reflects the fact that an increasing number of people work in San Francisco but reside in surrounding counties. KRON-TV is sensitive to the fact that many of its viewers commute from homes at the outer edges of its Grade B contour, and the station's morning and evening newscasts provides traffic reports (complete with helicopter coverage) that reflect traffic conditions throughout the Grade B area. Indeed, KRON-TV is committed to discussion of Bay Area transportation issues, and has organized (and televised) a number of community meetings on the topic that were held at locations in and outside the Grade A contour.

I declare under penalty of perjury that the foregoing is true and correct. Executed on December 9, 1998.


James H. Esser



4

KRON-TV

GRADE A

From Mt. Sutro in San Francisco

**100,000 Watts Effective Radiated Power
at 1,680 feet above average terrain**

Contours based on FCC rules

GRADE B

*Map prepared by
Fred Morales, Jr.
KRON-TV Channel 4
San Francisco*

Mileage Scale



REPRESENTED BY PETRY TELEVISION, INC.

BEFORE THE FEDERAL COMMUNICATIONS COMMISSION**DECLARATION OF WILLIAM K. KENTON**

I, William K. Kenton, declare as follows:

1. I am the General Manager of Draper station WBOC-TV.
2. WBOC-TV is affiliated with CBS, and broadcasts on channel 16. Its city of license is Salisbury, Maryland, and it lies within the Salisbury Nielsen designated market area.
3. Six counties lie outside WBOC-TV's Grade A contour. In three of these counties - Dorchester County (MD), Accomack County (MD), and Kent County (DE) - WBOC-TV is the top-rated station.
4. The Grade B contour of WBOC-TV extends into Kent County in northern Delaware. WBOC-TV has maintained an office in Kent County for twelve years. Twelve employees report to the Kent County office, which is in Dover (the county seat). Half of those people are assigned to news coverage, and half to marketing or public affairs. The station hires Kent County residents at the Kent County office. The primary purpose of the Kent County office is to ensure that WBOC-TV is responsive to the needs and requests of Kent County viewers.

I declare under penalty of perjury that the foregoing is true and correct. Executed on December 10, 1998.


William K. Kenton



WBOC Coverage Analysis

December 08, 1998

County	State	County total		F(50,50,50) Grade B				F(50,50,50) Grade A *				% Change	
		POP	HU	POP	%	HU	%	POP	%	HU	%	POP	HU
Kent County	DE	110,993	42,106	110,993	100.0	42,106	100.0	100,519	90.6	38,090	90.5	9.4	9.5
New Castle County	DE	441,946	173,560	7,584	1.7	2,217	1.3	0	0.0	0	0.0	100.0	100.0
Sussex County	DE	113,229	74,253	113,229	100.0	74,253	100.0	113,229	100.0	74,253	100.0	0.0	0.0
Anne Arundel County	MD	427,239	157,194	123,055	28.8	47,583	30.3	3,096	2.5	1,073	2.3	97.5	97.7
Baltimore city	MD	736,014	303,706	158,880	21.6	62,790	20.7	0	0.0	0	0.0	100.0	100.0
Baltimore County	MD	692,134	281,553	124,880	18.0	52,165	18.5	0	0.0	0	0.0	100.0	100.0
Calvert County	MD	51,372	18,974	32,741	63.7	12,677	66.8	23,424	71.5	8,997	71.0	28.5	29.0
Caroline County	MD	27,035	10,745	27,035	100.0	10,745	100.0	27,035	100.0	10,745	100.0	0.0	0.0
Cecil County	MD	71,347	27,656	9,213	12.9	3,193	11.5	0	0.0	0	0.0	100.0	100.0
Charles County	MD	101,154	34,487	1,287	1.3	396	1.1	0	0.0	0	0.0	100.0	100.0
Dorchester County	MD	30,236	14,269	30,236	100.0	14,269	100.0	30,236	100.0	14,269	100.0	0.0	0.0
Harford County	MD	182,132	66,446	13,886	7.6	5,080	7.6	0	0.0	0	0.0	100.0	100.0
Howard County	MD	187,328	72,583	12,501	6.7	5,366	7.4	0	0.0	0	0.0	100.0	100.0
Kent County	MD	17,842	8,181	15,244	85.4	6,759	82.6	4,045	26.5	1,443	21.3	73.5	78.7
Prince George's County	MD	729,268	270,090	1,374	0.2	460	0.2	0	0.0	0	0.0	100.0	100.0
Queen Anne's County	MD	33,953	13,944	33,939	100.0	13,939	100.0	25,506	75.2	10,440	74.9	24.8	25.1
Somerset County	MD	23,440	9,393	23,440	100.0	9,393	100.0	23,440	100.0	9,393	100.0	0.0	0.0
St. Mary's County	MD	75,974	27,863	41,429	54.5	15,384	55.2	26,694	64.4	10,175	66.1	35.6	33.9
Talbot County	MD	30,549	14,697	30,549	100.0	14,697	100.0	30,549	100.0	14,697	100.0	0.0	0.0
Wicomico County	MD	74,339	30,108	74,339	100.0	30,108	100.0	74,339	100.0	30,108	100.0	0.0	0.0

* Percentages shown relative to F(50,50,50) Grade B coverage

WBOC Coverage Analysis

December 08, 1998

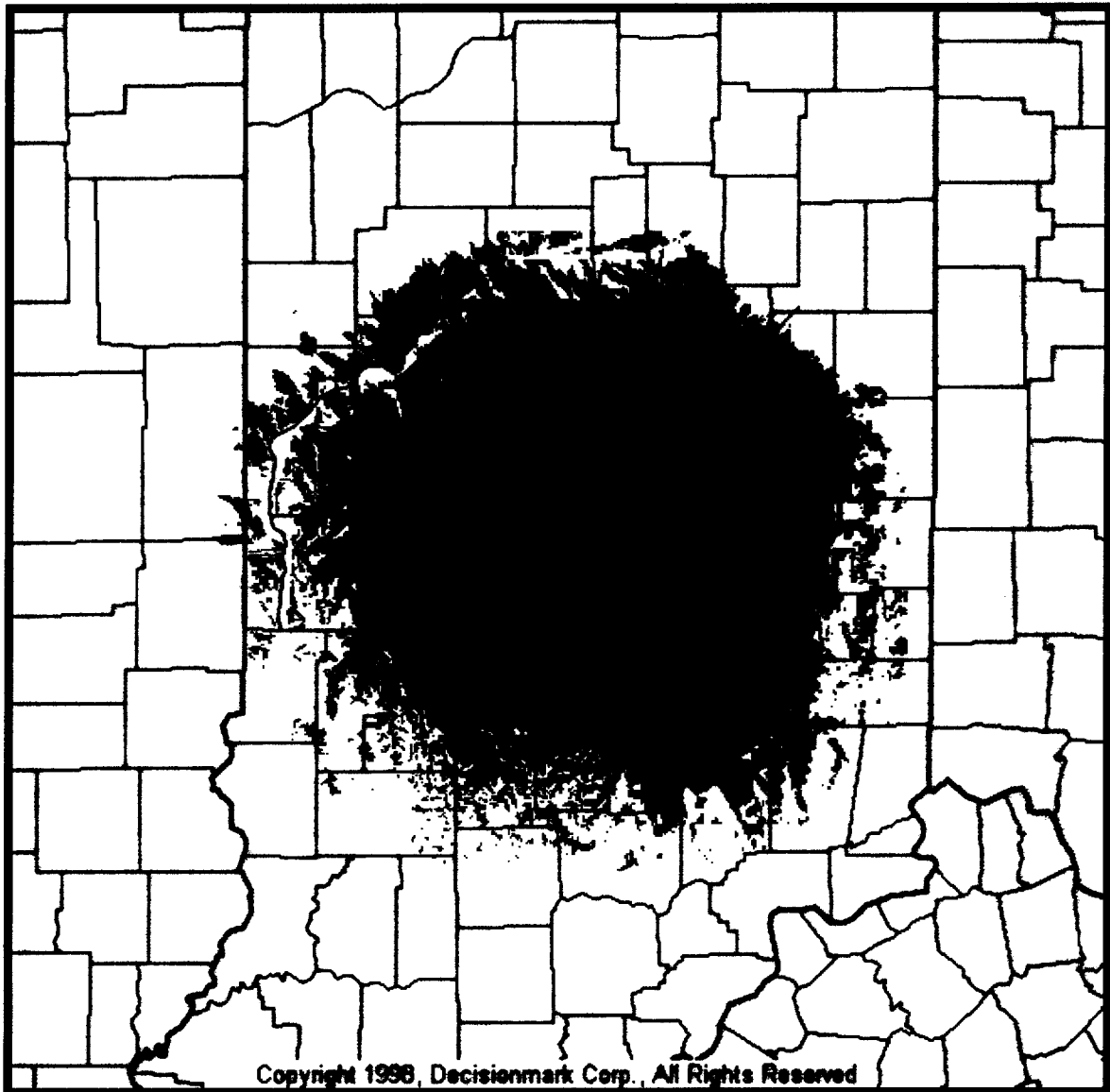
County	State	County total		F(50,50,50) Grade B				F(50,50,50) Grade A *				% Change	
		POP	HU	POP	%	HU	%	POP	%	HU	%	POP	HU
Worcester County	MD	35,028	41,800	35,028	100.0	41,800	100.0	35,028	100.0	41,800	100.0	0.0	0.0
Cape May County	NJ	95,089	85,537	43,669	45.9	35,773	41.8	92	0.2	307	0.9	99.8	99.1
Cumberland County	NJ	138,053	50,294	16,166	11.7	6,433	12.8	0	0.0	0	0.0	100.0	100.0
Salem County	NJ	65,294	25,349	193	0.3	71	0.3	0	0.0	0	0.0	100.0	100.0
Chester County	PA	376,396	139,597	112	0.0	38	0.0	0	0.0	0	0.0	100.0	100.0
Accomack County	VA	31,703	15,840	29,332	92.5	14,807	93.5	24,184	82.4	12,304	83.1	17.6	16.9
Northumberland County	VA	10,524	6,841	5,634	53.5	3,952	57.8	85	1.5	47	1.2	98.5	98.8
Richmond County	VA	7,273	3,179	35	0.5	20	0.6	0	0.0	0	0.0	100.0	100.0
Westmoreland County	VA	15,480	8,378	526	3.4	212	2.5	0	0.0	0	0.0	100.0	100.0
Total		4,932,364	2,028,623	1,116,529	22.6	526,686	26.0	541,501	48.5	278,141	52.8	51.5	47.2

* Percentages shown relative to F(50,50,50) Grade B coverage

WISH-TV (CBS, Channel 8)

Indianapolis, Indiana

Predicted Signal Areas and Demographics



- Grade A Longley-Rice 50% Location, 50% Time, 50% Confidence
- Grade B Longley-Rice 50% Location, 50% Time, 50% Confidence
- ▲ Tower Location

Summary Demographic Data

	Grade A (50/50/50)	Grade B (50/50/50)
1990 Population	1,661,117	2,280,749
1997 Estimated Population	1,801,544	2,447,164
2002 Projected Population	1,896,441	2,557,495
1990 Households	636,549	862,263
1997 Estimated Households	694,887	932,379
2002 Projected Households	726,703	968,848
Served Land Area (km ²)	15,588	28,565

MIDWEST
TELEVISION, INC.

509 South Neil Street

Post Office Box 20

Champaign, Illinois

61824-0020

(217) 356-8333

A CBS Affiliate

Jack Everett

President,
Chief Operating Officer,
Broadcasting

BEFORE THE FEDERAL COMMUNICATIONS COMMISSION

DECLARATION OF JACK B. EVERETTE

I, Jack B. Everett, declare as follows:

1. I am the President and C.O.O., Broadcasting, for Midwest Television, Inc. licensee of WCIA (TV).
2. WCIA (TV) broadcasts a CBS signal on Channel 3 in Champaign, Illinois.
3. Cumberland County (IL) and Effingham County (IL) are within the station's viewing area but outside its Grade A contour. In fact, Effingham County is almost entirely outside the Grade B contour. In both, WCIA (TV) is the "most-viewed" station, particularly during the local news.
4. Iroquois County (IL), Vermilion County (IL), Edgar County (IL) and Coles County (IL) are mostly outside WCIA (TV)'s Grade A contour. WCIA (TV) is the most-viewed station in all four counties, particularly at news times. For example, in Vermilion County, WCIA(TV)'s share of the viewing audience during the 6:00 p.m. local news is 56 percent.
5. My source of information for the station ratings in paragraphs 3 and 4 above is the Nielsen Station Index County Coverage Study (1998).

Midwest Television, Inc.

WCIA
Champaign, IL

WCFN
Springfield, IL

WMBD-AM-TV, WMXP-FM
Peoria, IL

KFMB-AM-FM-TV
San Diego, CA

I declare under penalty of perjury that the foregoing is true and correct. Executed on
December 9, 1998.


Jack B. Everett



du Treil, Lundin & Rackley, Inc

240 North Washington Blvd., Suite 70

Sarasota, Florida 3423

Telephone: (941) 366-2611, Ext 31

Facsimile: (941) 366-553

DC Line: (202) 223-6700, Ext 31

DC Facsimile: (202) 466-204

MEMORANDUM

Date: December 7, 1998

To: Erika King / Covington & Burling ✓ (via FedEx)

From: John A. Lundin

Direct Line: (941) 366-4346

e-mail: john@dlr.com

Subject: Midwest Television, Inc.

This memo will provide estimates of population within the predicted Grade B contour but outside the predicted Grade A contour for the analog operations of the 4 Midwest TV stations. The population estimates are based on 1990 US Census information. The technical facilities for the 4 TV stations are based on information contained in the FCC's TV database. The extent of the contours has been based on the FCC's normal prediction method using a digitized terrain database. Calculations have been made at 10 degree azimuth intervals.

The following is information identifying the 4 Midwest TV stations.

KFMB-TV, San Diego, CA, Channel 8, 316 kW, 226 m

WCIA(TV), Champaign, IL, Channel 3, 100 kW, 287 m

WMBD-TV, Peoria, IL, Channel 31, 2040 kW-DA, 195 m

WCFN(TV), Springfield, IL, Channel 49, 200 kW-DA, 189 m

The following is a summary of the estimated population within the Grade A and Grade B contours. The population difference between the contours (ie, population within the Grade B contour but outside the Grade A contour) is also provided along with its percentage of the Grade B population.

<u>Station</u>	<u>Grade A Population</u>	<u>Grade B Population</u>	<u>Difference Population</u>	<u>Percentage of Grade B</u>
KFMB-TV	2,456,429	2,871,139	414,710	14.4%
WCIA(TV)	352,562	919,668	567,106	61.7%
WMBD-TV	376,068	544,172	168,104	30.9%
WCFN(TV)	186,039	230,415	44,376	19.3%

If you have questions or need additional information, please call.

dLR:2025.6214

cc:Jack Everette
Dick Adams
Jonathan D. Blake, Esq.



F

BEFORE THE FEDERAL COMMUNICATIONS COMMISSION

DECLARATION OF RICHARD PAXTON

I, Richard Paxton, declare as follows:

1. I am the President and General Manager of Paxton station WPSD-TV.
 2. WPSD-TV transmits an NBC signal on Channel 6 in Paducah, Kentucky.
 3. WPSD-TV is licensed to the Paducah-Cape-Girardeau-Harrisburg-Mount Vernon Nielsen designated market area ("DMA").
 4. There are counties in three states – Illinois, Kentucky, and Missouri – within the Grade A contour of WPSD-TV, and counties in five states – Illinois, Indiana, Kentucky, Missouri, and Tennessee – within its Grade B contour.
 5. There are approximately 205,260 viewing households within the Grade A contour of WPSD-TV, and approximately 333,580 viewing households within its Grade B contour and also within the DMA. I calculate that within the station's DMA, roughly 62 percent of the station's potential viewers lie within the Grade A contour, and roughly 38 percent lie in the area between the Grade A contour and the Grade B contour.
 6. There are four Kentucky counties – Union County (with 5670 viewing households), Webster County (5100 viewing households), Hopkins County (17,760 viewing households), and Trigg County (4590 households) – outside the station's DMA but within its Grade B contour. WSPD-TV is the predominantly-watched station at local news time in Trigg County, Kentucky.
 7. There is one Tennessee county – Henry County (with 12,150 viewing households) outside the station's DMA but within its Grade B signal area.
-

8. There are three Illinois counties – White County (6410 viewing households), Gallatin County (2750 viewing households), and Randolph County (11580 viewing households) outside the station's DMA but within its Grade B signal area.

9. There are three Missouri counties – Pemiscot County (8150 viewing households), Madison County (4330 viewing households), and Perry County (6480 viewing households) outside the station's DMA but within its Grade B signal area.

10. The viewing household numbers in paragraphs 5 through 9 above were taken from the May 1998 Nielsen survey.

11. Based on the information in paragraphs 5 through 9 above, I estimate that 213,290 viewing households (or more than 50 percent of WPSD-TV's total viewership) reside outside the station's Grade A contour.

12. WPSD-TV's local news programming reflects the interests of communities outside the station's Grade A contour. For instance, the station has invested a significant amount of money in news coverage of Southern Illinois – where it has a news bureau complete with live capabilities. This extensive news coverage has generated significant revenue from advertisers located outside the Grade A contour.

13. WPSD-TV commits manpower and money to coverage of political issues in local communities as far away as 90 to 100 miles. For instance, many counties in our Grade B contour are "dry" and face repeated efforts to "vote in" liquor, and the station covers the liquor-by-the-drink initiatives in question. Coverage of liquor-by-the-drink initiatives in Obion County, Tennessee, and Lyon County, Kentucky, are recent examples.

14. We invest considerable resources in local news coverage of communities outside our Grade A contour. Our news department coverage of the dormitory fire in Murray, Kentucky, which is outside the Grade A contour, was of national interest.

15. WPSD-TV commits manpower and money to coverage of weather that affects communities outside its Grade A contour. Because Paducah's Barkley Field airport is the site of relatively new National Weather Service Radar equipment, and because the station has meteorologists on duty during extreme weather, we can and do provide weather warnings tailored to specific towns within our viewing area faster than any national weather service.

16. WPSD-TV airs commercials from merchants located outside its Grade A contour that advertise to potential customers throughout the station's viewing area. Our list of advertisers from counties outside the Grade A signal area run the gamut from automobile dealers to restaurants, and from sporting supply stores to clothing stores. They not only contribute significantly to the bottom line of WPSD-TV, but they also provide valuable sales information to viewers outside our Grade A contour.

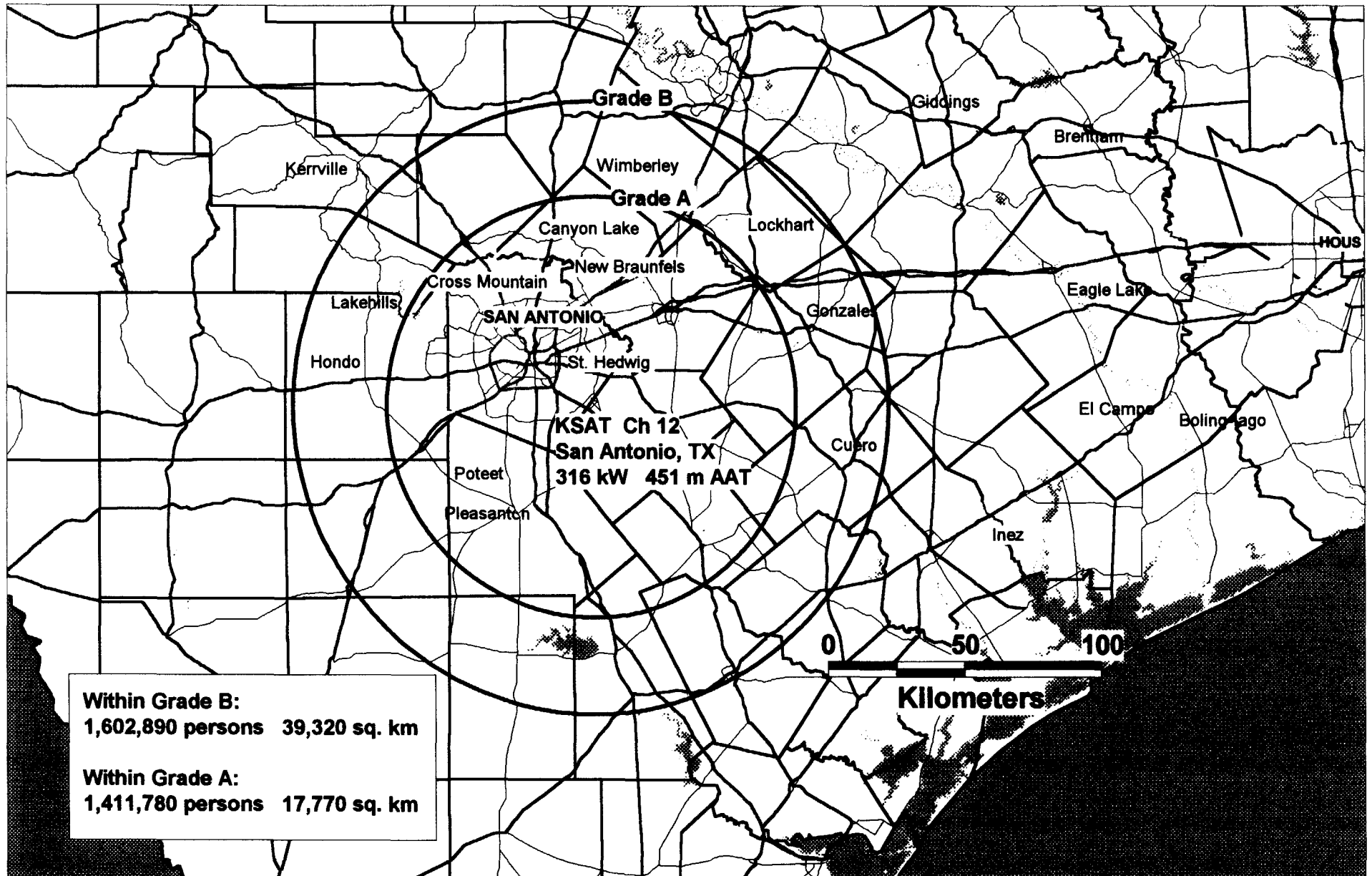
17. WPSD-TV provides public services and community services for its viewers both inside and outside the Grade A contour. Our annual Lion's Club Telethon of Stars has raised more than 15 million dollars for children and adults with disabilities in all of the counties we reach. Our Sports Against Cancer events have raised hundreds of thousands of dollars. Thousands of school children in hundreds of classrooms throughout the station's coverage area have participated in interactive learning experiences involving weather, safety, and smoking and drug prevention.

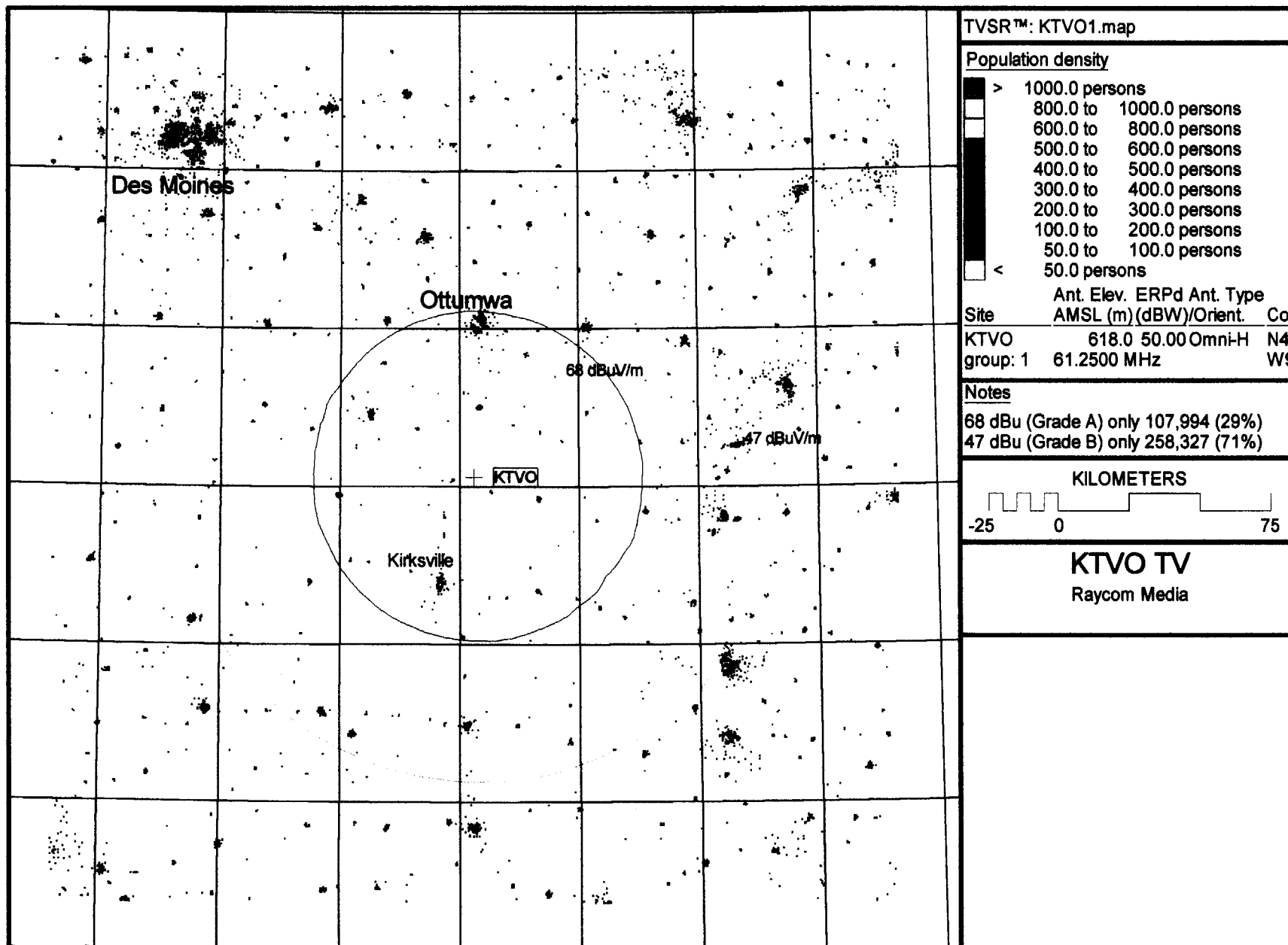
I declare under penalty of perjury that the foregoing is true and correct. Executed
on December 9, 1998.

Richard Paxton
Richard Paxton

Coverage Contours

KSAT Ch 12 San Antonio, TX





Source file name: C:\Program Files\EDX\TVSR\ctr\KTVO.ctr

Population Count Results - 68 dBu contour KTVO-TV

State, County, City	Households	TOTAL POPULATION						Total
		White	Hispanic	Black	Am Indian	Asian	Other	
Iowa	26,990	60,218	343	352	135	200	25	61,273
Appanoose County								
Centerville city	2,820	5,790	47	72	7	17	3	5,936
Cincinnati city	188	358	0	0	4	0	1	363
Exline city	87	187	0	0	0	0	0	187
Moravia city	328	678	0	0	1	0	0	679
Moulton city	308	611	1	0	0	1	0	613
Mystic city	241	540	2	2	1	0	0	545
Numa city	63	144	0	0	6	1	0	151
Plano city	42	74	1	0	0	0	0	75
Rathbun city	46	88	1	0	0	0	0	89
Udell city	28	76	0	0	0	0	0	76
Unionville city	66	128	5	0	0	0	0	133
Rural county	1,898	4,469	14	5	7	14	1	4,510
Total for County	6,115	13,143	71	79	26	33	5	13,357
Davis County								
Bloomfield city	1,173	2,535	21	1	4	19	0	2,580
Drakesville city	85	170	0	0	2	0	0	172
Floris city	75	162	10	0	0	0	0	172
Pulaski city	98	221	0	0	0	0	0	221
Rural county	1,923	5,136	10	1	18	2	0	5,167
Total for County	3,354	8,224	41	2	24	21	0	8,312
Jefferson County								
Batavia city	223	514	4	0	2	0	0	520
Libertyville city	117	264	0	0	0	0	0	264
Rural county	217	614	0	0	2	0	0	616
Total for County	557	1,392	4	0	4	0	0	1,400
Monroe County								
Rural county	259	652	3	2	2	0	0	659
Total for County	259	652	3	2	2	0	0	659
Van Buren County								
Birmingham city	192	384	1	0	1	0	0	386
Bonaparte city	225	463	1	1	0	0	0	465
Cantril city	124	247	5	6	1	3	0	262
Keosauqua city	483	1,011	2	0	1	6	0	1,020
Milton city	245	503	3	0	0	0	0	506
Mount Sterling city	23	53	0	0	0	0	0	53

Total for County	2,716	5,940	16	10	3	15	0	5,984
Wapello County								
Agency city	276	613	1	2	0	0	0	616
Blakesburg city	171	333	0	0	0	0	0	333
Eldon city	487	1,065	3	0	2	0	0	1,070
Ottumwa city	10,611	23,141	179	246	65	117	16	23,764
Rural county	2,444	5,715	25	11	9	14	4	5,778
Total for County	13,989	30,867	208	259	76	131	20	31,561

TOTAL POPULATION

State, County, City	Households	White	Hispanic	Black	Am Indian	Asian	Other	Total
Missouri	20,731	45,893	261	223	104	234	6	46,721
Adair County								
Brashear city	132	318	0	0	0	0	0	318
Gibbs town	43	88	0	0	1	0	0	89
Greentop city	30	78	0	0	1	3	0	82
Kirksville city	6,927	16,563	156	202	19	207	5	17,152
Millard village	32	71	0	0	0	0	0	71
Novinger city	264	536	2	0	3	0	1	542
Rural county	2,603	6,162	24	11	15	8	0	6,220
Total for County	10,031	23,816	182	213	39	218	6	24,474
Clark County								
Luray town	28	70	0	0	0	0	0	70
Wyaconda city	184	345	2	0	0	0	0	347
Rural county	657	1,515	6	0	2	0	0	1,523
Total for County	869	1,930	8	0	2	0	0	1,940
Knox County								
Baring city	100	181	0	1	0	0	0	182
Edina city	676	1,271	9	3	0	0	0	1,283
Hurdland city	94	205	0	0	7	0	0	212
Knox City city	146	261	0	0	1	0	0	262
Rural county	794	1,788	0	2	1	2	0	1,793
Total for County	1,810	3,706	9	6	9	2	0	3,732
Lewis County								
Rural county	42	99	0	0	0	0	0	99
Total for County	42	99	0	0	0	0	0	99
Macon County								
La Plata city	704	1,367	9	0	20	5	0	1,401
Rural county	82	208	0	0	5	0	0	213
Total for County	786	1,575	9	0	25	5	0	1,614
Putnam County								

Unionville city	1,046	1,967	13	1	8	0	0	1,989
Worthington village	56	86	0	0	0	0	0	86
Rural county	1,061	2,136	7	0	0	4	0	2,147
Total for County	2,216	4,312	23	1	8	4	0	4,348
Schuyler County								
Downing city	203	359	0	0	0	0	0	359
Glenwood village	96	195	0	0	0	0	0	195
Greentop city	179	343	0	0	0	0	0	343
Lancaster city	385	778	4	0	1	2	0	785
Queen City city	306	698	1	0	4	1	0	704
Rural county	798	1,834	13	0	3	0	0	1,850
Total for County	1,967	4,207	18	0	8	3	0	4,236
Scotland County								
Arbela town	26	40	0	0	0	0	0	40
Granger town	38	62	1	0	0	0	0	63
Memphis city	1,056	2,083	5	1	5	0	0	2,094
Rutledge town	52	72	1	1	0	0	0	74
South Gorin town	81	130	0	0	0	0	0	130
Rural county	1,019	2,410	5	1	5	0	0	2,421
Total for County	2,272	4,797	12	3	10	0	0	4,822
Sullivan County								
Greencastle city	144	254	0	0	0	0	0	254
Green City city	340	668	0	0	3	0	0	671
Rural county	254	529	0	0	0	2	0	531
Total for County	738	1,451	0	0	3	2	0	1,456

POPULATION 18 AND OVER

State, County, City	Households	White	Hispanic	Black	Am Indian	Asian	Other	Total
Iowa	26,990	45,465	207	248	93	115	25	46,153
Appanoose County								
Centerville city	2,820	4,409	30	48	4	10	0	4,501
Cincinnati city	188	281	0	0	3	0	1	285
Exline city	87	136	0	0	0	0	0	136
Moravia city	328	500	0	0	1	0	0	501
Moulton city	308	469	0	0	0	0	0	469
Mystic city	241	387	2	2	1	0	0	392
Numa city	63	101	0	0	4	0	0	105
Plano city	42	56	1	0	0	0	0	57
Rathbun city	46	64	1	0	0	0	0	65
Udell city	28	51	0	0	0	0	0	51
Unionville city	66	96	2	0	0	0	0	98
Rural county	1,898	3,288	8	4	4	8	1	3,313
Total for County	6,115	9,838	44	54	17	18	2	9,973

Bloomfield city	1,173	1,990	12	1	3	9	0	2,015
Drakesville city	85	120	0	0	2	0	0	122
Floris city	75	116	4	0	0	0	0	120
Pulaski city	98	161	0	0	0	0	0	161
Rural county	1,923	3,612	5	1	13	1	0	3,632
Total for County	3,354	5,999	21	2	18	10	0	6,050
Jefferson County								
Batavia city	223	394	3	0	2	0	0	399
Libertyville city	117	202	0	0	0	0	0	202
Rural county	217	454	0	0	2	0	0	456
Total for County	557	1,050	3	0	4	0	0	1,057
Monroe County								
Rural county	259	464	3	2	1	0	0	470
Total for County	259	464	3	2	1	0	0	470
Van Buren County								
Birmingham city	192	303	1	0	1	0	0	305
Bonaparte city	225	334	1	0	0	0	0	335
Cantril city	124	182	5	2	1	2	0	192
Keosauqua city	483	813	2	0	1	3	0	819
Milton city	245	383	2	0	0	0	0	385
Mount Sterling city	23	38	0	0	0	0	0	38
Rural county	1,424	2,357	2	2	0	3	0	2,364
Total for County	2,716	4,410	13	4	3	8	0	4,438
Wapello County								
Agency city	276	476	1	1	0	0	0	478
Blakesburg city	171	279	0	0	0	0	0	279
Eldon city	487	818	3	0	2	0	0	823
Ottumwa city	10,611	17,903	104	178	43	74	8	18,310
Rural county	2,444	4,228	15	7	5	5	0	4,260
Total for County	13,989	23,704	123	186	50	79	8	24,150

POPULATION 18 AND OVER

State, County, City	Households	White	Hispanic	Black	Am Indian	Asian	Other	Total
Missouri	20,731	35,795	179	193	69	205	6	36,447
Adair County								
Brashear city	132	230	0	0	0	0	0	230
Gibbs town	43	56	0	0	1	0	0	57
Greentop city	30	53	0	0	1	3	0	57
Kirksville city	6,927	13,724	112	179	13	186	4	14,218
Millard village	32	51	0	0	0	0	0	51
Novinger city	264	389	1	0	3	0	1	394
Rural county	2,603	4,514	16	6	11	5	0	4,552
Total for County	10,031	19,017	129	185	29	194	5	19,559

Clark County								
Luray town	28	49	0	0	0	0	0	49
Wyaconda city	184	257	2	0	0	0	0	259
Rural county	657	1,094	4	0	0	0	0	1,098
Total for County	869	1,400	6	0	0	0	0	1,406

Knox County								
Baring city	100	128	0	0	0	0	0	128
Edina city	676	997	5	2	0	0	0	1,004
Hurdland city	94	150	0	0	2	0	0	152
Knox City city	146	201	0	0	1	0	0	202
Rural county	794	1,340	0	2	1	1	0	1,344
Total for County	1,810	2,816	5	4	4	1	0	2,830

Lewis County								
Rural county	42	71	0	0	0	0	0	71
Total for County	42	71	0	0	0	0	0	71

Macon County								
La Plata city	704	1,084	5	0	17	5	0	1,111
Rural county	82	143	0	0	2	0	0	145
Total for County	786	1,227	5	0	19	5	0	1,256

Putnam County								
Livonia village	53	92	1	0	0	0	0	93
Unionville city	1,046	1,568	10	1	5	0	0	1,584
Worthington village	56	74	0	0	0	0	0	74
Rural county	1,061	1,636	5	0	0	2	0	1,643
Total for County	2,216	3,370	16	1	5	2	0	3,394

Schuyler County								
Downing city	203	292	0	0	0	0	0	292
Glenwood village	96	139	0	0	0	0	0	139
Greentop city	179	251	0	0	0	0	0	251
Lancaster city	385	588	1	0	1	0	0	590
Queen City city	306	550	1	0	2	1	0	554
Rural county	798	1,365	4	0	1	0	0	1,370
Total for County	1,967	3,185	6	0	4	1	0	3,196

Scotland County								
Arbela town	26	31	0	0	0	0	0	31
Granger town	38	46	1	0	0	0	0	47
Memphis city	1,056	1,646	5	1	4	0	0	1,656
Rutledge town	52	59	1	1	0	0	0	61
South Gorin town	81	97	0	0	0	0	0	97
Rural county	1,019	1,697	5	1	2	0	0	1,705
Total for County	2,272	3,576	12	3	6	0	0	3,597

Sullivan County								
Greencastle city	144	203	0	0	0	0	0	203
Green City city	340	514	0	0	2	0	0	516
Rural county	254	416	0	0	0	2	0	418

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Population Count Results - 47 dBu contour KTVO-TV

TOTAL POPULATION								
State, County, City	Households	White	Hispanic	Black	Am Indian	Asian	Other	Total
Illinois	7,058	16,195	58	35	19	30	1	16,338
Adams County								
Lima village	48	119	1	0	0	0	0	120
Mendon village	111	281	0	0	3	0	0	284
Quincy city	195	513	0	3	0	1	0	517
Ursa village	208	506	0	0	0	0	0	506
Rural county	1,182	2,555	21	11	2	0	0	2,589
Total for County	1,744	3,974	22	14	5	1	0	4,016
Hancock County								
Basco village	54	99	0	0	0	0	0	99
Dallas City city	410	838	0	2	0	0	0	840
Elvaston village	79	197	1	0	0	0	0	198
Ferris village	76	176	1	0	0	0	0	177
Hamilton city	1,330	3,231	17	13	1	19	0	3,281
Nauvoo city	473	1,097	4	1	6	0	0	1,108
Pontoosuc village	150	264	0	0	0	0	0	264
Warsaw city	805	1,865	6	3	2	6	0	1,882
Rural county	1,855	4,259	5	2	5	4	1	4,276
Total for County	5,232	12,026	34	21	14	29	1	12,125
Henderson County								
Dallas City city	82	195	2	0	0	0	0	197
Total for County	82	195	2	0	0	0	0	197

TOTAL POPULATION								
State, County, City	Households	White	Hispanic	Black	Am Indian	Asian	Other	Total
Iowa	100,250	231,324	1,884	2,015	387	1,300	75	236,985
Appanoose County								
Centerville city	2,820	5,790	47	72	7	17	3	5,936
Cincinnati city	188	358	0	0	4	0	1	363
Exline city	87	187	0	0	0	0	0	187
Moravia city	328	678	0	0	1	0	0	679
Moulton city	308	611	1	0	0	1	0	613

Mystic city	241	540	2	2	1	0	0	545
Numa city	63	144	0	0	6	1	0	151
Plano city	42	74	1	0	0	0	0	75
Rathbun city	46	88	1	0	0	0	0	89
Udell city	28	76	0	0	0	0	0	76
Unionville city	66	128	5	0	0	0	0	133
Rural county	2,141	4,819	15	5	7	17	1	4,864
Total for County	6,358	13,493	72	79	26	36	5	13,711

Clarke County								
Rural county	30	75	0	0	0	0	0	75
Total for County	30	75	0	0	0	0	0	75

Davis County								
Bloomfield city	1,173	2,535	21	1	4	19	0	2,580
Drakesville city	85	170	0	0	2	0	0	172
Floris city	75	162	10	0	0	0	0	172
Pulaski city	98	221	0	0	0	0	0	221
Rural county	1,923	5,136	10	1	18	2	0	5,167
Total for County	3,354	8,224	41	2	24	21	0	8,312

Decatur County								
Garden Grove city	119	229	0	0	0	0	0	229
Le Roy city	14	34	0	0	0	0	0	34
Rural county	205	442	1	0	0	0	0	443
Total for County	338	705	1	0	0	0	0	706

Des Moines County								
Danville city	344	926	0	0	0	0	0	926
Middletown city	162	370	5	5	0	6	0	386
West Burlington city	31	66	0	0	0	0	0	66
Rural county	1,081	2,659	31	28	4	10	0	2,732
Total for County	1,618	4,021	36	33	4	16	0	4,110

Henry County								
Coppock city	12	33	0	0	0	0	0	33
Hillsboro city	80	150	0	0	1	0	0	151
Mount Pleasant city	3,030	7,598	62	197	26	140	4	8,027
Mount Union city	56	140	0	0	0	0	0	140
New London city	792	1,888	17	2	3	12	0	1,922
Olds city	98	201	4	0	0	0	0	205
Rome city	56	124	0	0	0	0	0	124
Salem city	191	439	7	0	0	7	0	453
Wayland city	338	828	1	0	4	5	0	838
Westwood city	38	98	5	0	1	0	0	104
Winfield city	430	1,035	9	3	2	2	0	1,051
Rural county	2,344	6,039	21	8	4	46	1	6,119
Total for County	7,465	18,573	126	210	41	212	5	19,167

Jefferson County

Batavia city	223	514	4	0	2	0	0	520
Coppock city	2	5	0	0	0	0	0	5
Fairfield city	4,086	9,424	114	82	15	131	2	9,768
Libertyville city	117	264	0	0	0	0	0	264
Lockridge city	110	262	8	0	0	0	0	270
Packwood city	97	208	0	0	0	0	0	208
Pleasant Plain city	47	127	0	1	0	0	0	128
Rural county	2,042	5,111	15	10	5	6	0	5,147
Total for County	6,724	15,915	141	93	22	137	2	16,310

Keokuk County								
Delta city	198	408	0	0	1	0	0	409
Gibson city	41	63	0	0	0	0	0	63
Harper city	62	147	0	0	0	0	0	147
Hayesville city	27	62	0	0	0	0	0	62
Hedrick city	350	797	6	4	3	0	0	810
Keota city	445	986	0	0	4	10	0	0
Keswick city	124	284	0	0	0	0	0	284
Martinsburg city	65	157	0	0	0	0	0	157
Ollie city	113	206	1	0	0	0	0	207
Richland city	260	519	1	0	0	0	2	522
Sigourney city	958	2,092	7	1	1	9	1	2,111
South English city	97	221	0	0	3	0	0	224
Thornburg city	40	91	0	0	0	0	0	91
Webster city	49	103	0	0	0	0	0	103
What Cheer city	361	759	1	0	2	0	0	762
Rural county	1,644	4,222	3	0	5	8	1	4,239
Total for County	4,834	11,117	19	5	19	27	4	11,191

Lee County								
Donnellson city	416	934	1	1	0	4	0	940
Fort Madison city	5,189	10,443	552	546	21	47	9	11,618
Franklin city	58	148	4	0	0	0	0	152
Houghton city	47	127	0	0	0	0	0	127
Keokuk city	5,576	11,775	80	494	26	72	4	12,451
Montrose city	362	942	12	3	0	0	0	957
St. Paul city	49	120	0	0	0	0	0	120
West Point city	422	1,071	5	0	0	3	0	1,079
Rural county	4,278	11,075	78	46	14	7	2	11,222
Total for County	16,397	36,635	732	1,090	61	133	15	38,666

Louisa County								
Rural county	16	30	0	1	0	0	0	31
Total for County	16	30	0	1	0	0	0	31

Lucas County								
Chariton city	2,197	4,570	15	3	7	12	9	4,616
Derby city	68	135	0	0	0	0	0	135
Lucas city	107	220	4	0	0	0	0	224
Russell city	260	520	5	0	6	0	0	531

Williamson city	77	158	4	0	4	0	0	166
Rural county	1,341	3,140	16	0	1	4	0	3,161
Total for County	4,050	8,743	44	3	18	16	9	8,833
Mahaska County								
Beacon city	192	500	0	0	0	9	0	509
Eddyville city	69	173	0	0	0	0	0	173
Fremont city	316	690	9	1	0	0	1	701
Keomah Village city	48	98	0	0	0	1	0	99
Leighton city	58	142	0	0	0	0	0	142
New Sharon city	544	1,135	0	0	0	0	1	1,136
Oskaloosa city	4,638	10,365	70	38	11	143	5	10,632
Rose Hill city	75	169	0	0	0	2	0	171
University Park city	203	583	11	0	0	10	0	604
Rural county	2,611	6,837	2	2	4	11	0	6,856
Total for County	8,754	20,692	92	41	15	176	7	21,023
Marion County								
Bussey city	218	490	3	0	1	0	0	494
Hamilton city	56	115	0	0	0	0	0	115
Harvey city	107	228	0	0	0	7	0	235
Knoxville city	3,420	8,099	36	45	14	38	0	8,232
Marysville city	23	63	0	0	2	0	0	65
Melcher-Dallas city	531	1,282	16	0	3	1	0	1,302
Pella city	3,179	8,954	73	24	8	211	0	9,270
Rural county	2,033	5,374	17	26	6	17	0	5,440
Total for County	9,567	24,605	145	95	34	274	0	25,153
Monroe County								
Albia city	1,771	3,828	6	9	11	16	0	3,870
Lovilia city	250	545	4	2	0	0	0	551
Melrose city	80	148	0	0	0	2	0	150
Rural county	1,607	3,507	8	8	5	15	0	3,543
Total for County	3,708	8,028	18	19	16	33	0	8,114
Van Buren County								
Birmingham city	192	384	1	0	1	0	0	386
Bonaparte city	225	463	1	1	0	0	0	465
Cantril city	124	247	5	6	1	3	0	262
Farmington city	330	647	8	0	0	0	0	655
Keosauqua city	483	1,011	2	0	1	6	0	1,020
Milton city	245	503	3	0	0	0	0	506
Mount Sterling city	23	53	0	0	0	0	0	53
Stockport city	131	259	1	0	0	0	0	260
Rural county	1,730	4,049	8	3	0	9	0	4,069
Total for County	3,483	7,616	29	10	3	18	0	7,676
Wapello County								
Agency city	276	613	1	2	0	0	0	616
Blakesburg city	171	333	0	0	0	0	0	333

Chillicothe city	48	119	0	0	0	0	0	119
Eddyville city	353	825	7	0	2	3	0	837
Eldon city	487	1,065	3	0	2	0	0	1,070
Kirkville city	72	177	0	0	0	0	0	177
Ottumwa city	10,910	23,849	180	249	65	129	16	24,488
Rural county	3,316	7,949	33	19	17	22	7	8,047
Total for County	15,633	34,930	224	270	86	154	23	35,687

Warren County								
Rural county	30	70	0	0	0	1	0	71
Total for County	30	70	0	0	0	1	0	71

Washington County								
Brighton city	290	676	3	0	3	2	0	684
Coppock city	2	12	0	0	0	0	0	12
Crawfordsville city	120	264	1	0	0	0	0	265
Washington city	3,013	6,860	123	58	4	29	0	7,074
West Chester city	72	176	0	0	2	0	0	178
Rural county	1,086	2,854	8	5	1	0	1	2,869
Total for County	4,583	10,842	135	63	10	31	1	11,082

Wayne County								
Allerton city	275	584	5	0	0	10	0	599
Clio city	46	103	0	0	0	0	0	103
Corydon city	825	1,663	2	0	4	3	3	1,675
Humeston city	304	551	2	0	0	0	0	553
Lineville city	160	289	0	0	0	0	0	289
Millerton city	19	44	0	0	0	0	0	44
Promise City city	67	132	0	0	0	0	0	132
Seymour city	407	862	1	1	2	2	1	869
Rural county	1,205	2,782	19	0	2	0	0	2,803
Total for County	3,308	7,010	29	1	8	15	4	7,067

TOTAL POPULATION

State, County, City	Households	White	Hispanic	Black	Am Indian	Asian	Other	Total
Missouri	51,053	110,831	538	1,093	217	296	23	112,998
Adair County								
Brashear city	132	318	0	0	0	0	0	318
Gibbs town	43	88	0	0	1	0	0	89
Greentop city	30	78	0	0	1	3	0	82
Kirksville city	6,927	16,563	156	202	19	207	5	17,152
Millard village	32	71	0	0	0	0	0	71
Novinger city	264	536	2	0	3	0	1	542
Rural county	2,638	6,249	24	11	15	8	0	6,307
Total for County	10,066	23,903	182	213	39	218	6	24,561

Purdin city	112	216	0	0	1	0	0	217
Rural county	1,475	3,573	13	0	8	7	2	3,603
Total for County	6,111	12,772	85	98	20	12	4	12,991
Livingston County								
Rural county	33	85	0	0	0	2	0	87
Total for County	33	85	0	0	0	2	0	87
Macon County								
Atlanta city	186	410	0	0	0	1	0	411
Bevier city	314	632	5	5	0	1	0	643
Callao city	152	326	3	0	3	0	0	332
Elmer city	55	91	0	0	0	0	0	91
Ethel town	45	70	1	0	0	0	0	71
La Plata city	704	1,367	9	0	20	5	0	1,401
Macon city	2,608	5,205	14	330	12	10	0	5,571
New Cambria town	102	222	0	0	1	0	0	223
South Gifford villag	31	64	0	0	0	0	0	64
Rural county	2,720	6,465	27	28	14	2	2	6,538
Total for County	6,917	14,852	59	363	50	19	2	15,345
Marion County								
Rural county	1,264	3,062	10	4	3	6	0	3,085
Total for County	1,264	3,062	10	4	3	6	0	3,085
Mercer County								
Mercer town	182	297	0	0	0	0	0	297
Princeton city	596	1,018	2	0	1	0	0	1,021
South Lineville town	26	40	0	0	0	0	0	40
Rural county	1,146	1,974	5	3	4	1	0	1,987
Total for County	1,950	3,329	7	3	5	1	0	3,345
Monroe County								
Rural county	173	372	1	0	0	0	0	373
Total for County	173	372	1	0	0	0	0	373
Putnam County								
Livonia village	53	123	3	0	0	0	0	126
Lucerne village	37	51	0	0	0	0	0	51
Powersville village	29	38	0	0	0	0	0	38
Unionville city	1,046	1,967	13	1	8	0	0	1,989
Worthington village	56	86	0	0	0	0	0	86
Rural county	1,343	2,777	8	0	0	4	0	2,789
Total for County	2,564	5,042	24	1	8	4	0	5,079
Randolph County								
Jacksonville village	54	115	0	0	0	0	0	115
Rural county	214	359	2	0	0	0	0	361
Total for County	268	474	2	0	0	0	0	476

Schuyler County								
Downing city	203	359	0	0	0	0	0	359
Glenwood village	96	195	0	0	0	0	0	195
Greentop city	179	343	0	0	0	0	0	343
Lancaster city	385	778	4	0	1	2	0	785
Queen City city	306	698	1	0	4	1	0	704
Rural county	798	1,834	13	0	3	0	0	1,850
Total for County	1,967	4,207	18	0	8	3	0	4,236
Scotland County								
Arbela town	26	40	0	0	0	0	0	40
Granger town	38	62	1	0	0	0	0	63
Memphis city	1,056	2,083	5	1	5	0	0	2,094
Rutledge town	52	72	1	1	0	0	0	74
South Gorin town	81	130	0	0	0	0	0	130
Rural county	1,019	2,410	5	1	5	0	0	2,421
Total for County	2,272	4,797	12	3	10	0	0	4,822
Shelby County								
Bethel town	84	115	0	0	0	0	2	117
Clarence city	511	998	4	19	4	1	0	1,026
Hunnewell city	101	193	8	6	0	1	0	208
Leonard town	45	90	0	0	0	0	0	90
Shelbina city	989	2,135	2	27	8	0	0	2,172
Shelbyville city	286	577	4	0	0	1	0	582
Rural county	1,216	2,722	5	3	6	0	0	2,736
Total for County	3,232	6,830	23	55	18	3	2	6,931
Sullivan County								
Browning city	49	76	0	0	0	0	0	76
Greencastle city	144	254	0	0	0	0	0	254
Green City city	340	668	0	0	3	0	0	671
Harris town	59	99	2	0	1	0	0	102
Humphreys town	66	95	0	0	3	0	0	98
Milan city	833	1,759	5	1	2	0	0	1,767
Newtown town	67	113	0	0	2	0	0	115
Osgood town	35	52	0	0	1	0	0	53
Pollock village	40	66	0	0	0	0	0	66
Rural county	1,419	3,099	21	0	2	2	0	3,124
Total for County	3,052	6,281	28	1	14	2	0	6,326

POPULATION 18 AND OVER

State, County, City	Households	White	Hispanic	Black	Am Indian	Asian	Other	Total
Illinois	7,058	11,928	40	22	11	19	1	12,021

Adams County

Lima village	48	89	0	0	0	0	0	89
Mendon village	111	201	0	0	1	0	0	202
Quincy city	195	375	0	2	0	0	0	377
Ursa village	208	365	0	0	0	0	0	365
Rural county	1,182	1,894	15	8	2	0	0	1,919
Total for County	1,744	2,924	15	10	3	0	0	2,952

Hancock County								
Basco village	54	76	0	0	0	0	0	76
Dallas City city	410	647	0	1	0	0	0	648
Elvaston village	79	154	0	0	0	0	0	154
Ferris village	76	133	1	0	0	0	0	134
Hamilton city	1,330	2,376	11	9	1	13	0	2,410
Nauvoo city	473	839	3	1	4	0	0	847
Pontoosuc village	150	200	0	0	0	0	0	200
Warsaw city	805	1,295	6	1	2	2	0	1,306
Rural county	1,855	3,142	4	0	1	4	0	3,151
Total for County	5,232	8,862	25	12	8	19	0	8,926

Henderson County								
Dallas City city	82	142	0	0	0	0	0	142
Total for County	82	142	0	0	0	0	0	142

POPULATION 18 AND OVER

State, County, City	Households	White	Hispanic	Black	Am Indian	Asian	Other	Total
Iowa	100,250	173,388	1,215	1,493	279	754	75	177,204
Appanoose County								
Centerville city	2,820	4,409	30	48	4	10	0	4,501
Cincinnati city	188	281	0	0	3	0	1	285
Exline city	87	136	0	0	0	0	0	136
Moravia city	328	500	0	0	1	0	0	501
Moulton city	308	469	0	0	0	0	0	469
Mystic city	241	387	2	2	1	0	0	392
Numa city	63	101	0	0	4	0	0	105
Plano city	42	56	1	0	0	0	0	57
Rathbun city	46	64	1	0	0	0	0	65
Udell city	28	51	0	0	0	0	0	51
Unionville city	66	96	2	0	0	0	0	98
Rural county	2,141	3,577	9	4	4	8	1	3,603
Total for County	6,358	10,127	45	54	17	18	2	10,263
Clarke County								
Rural county	30	58	0	0	0	0	0	58
Total for County	30	58	0	0	0	0	0	58

Davis County								
Bloomfield city	1,173	1,990	12	1	3	9	0	2,015
Drakesville city	85	120	0	0	2	0	0	122
Floris city	75	116	4	0	0	0	0	120
Pulaski city	98	161	0	0	0	0	0	161
Rural county	1,923	3,612	5	1	13	1	0	3,632
Total for County	3,354	5,999	21	2	18	10	0	6,050
Decatur County								
Garden Grove city	119	177	0	0	0	0	0	177
Le Roy city	14	20	0	0	0	0	0	20
Rural county	205	328	1	0	0	0	0	329
Total for County	338	525	1	0	0	0	0	526
Des Moines County								
Danville city	344	703	0	0	0	0	0	703
Middletown city	162	267	3	2	0	4	0	276
West Burlington city	31	56	0	0	0	0	0	56
Rural county	1,081	1,952	21	15	3	3	0	1,994
Total for County	1,618	2,978	24	17	3	7	0	3,029
Henry County								
Coppock city	12	23	0	0	0	0	0	23
Hillsboro city	80	110	0	0	1	0	0	111
Mount Pleasant city	3,030	5,928	47	179	24	95	2	6,275
Mount Union city	56	101	0	0	0	0	0	101
New London city	792	1,388	10	1	2	11	0	1,412
Olds city	98	156	1	0	0	0	0	157
Rome city	56	93	0	0	0	0	0	93
Salem city	191	336	2	0	0	2	0	340
Wayland city	338	622	0	0	1	4	0	627
Westwood city	38	69	1	0	1	0	0	71
Winfield city	430	779	2	1	1	2	0	785
Rural county	2,344	4,295	12	4	4	29	0	4,344
Total for County	7,465	13,900	75	185	34	143	2	14,339
Jefferson County								
Batavia city	223	394	3	0	2	0	0	399
Coppock city	2	5	0	0	0	0	0	5
Fairfield city	4,086	7,230	95	65	10	107	2	7,509
Libertyville city	117	202	0	0	0	0	0	202
Lockridge city	110	181	4	0	0	0	0	185
Packwood city	97	160	0	0	0	0	0	160
Pleasant Plain city	47	86	0	0	0	0	0	86
Rural county	2,042	3,751	9	7	5	5	0	3,777
Total for County	6,724	12,009	111	72	17	112	2	12,323
Keokuk County								
Delta city	198	300	0	0	1	0	0	301
Gibson city	41	53	0	0	0	0	0	53

Harper city	62	114	0	0	0	0	0	114
Hayesville city	27	47	0	0	0	0	0	47
Hedrick city	350	577	2	1	1	0	0	581
Keota city	445	776	0	0	1	2	0	779
Keswick city	124	211	0	0	0	0	0	211
Martinsburg city	65	117	0	0	0	0	0	117
Ollie city	113	166	1	0	0	0	0	167
Richland city	260	418	0	0	0	0	1	419
Sigourney city	958	1,626	5	1	1	7	0	1,640
South English city	97	160	0	0	3	0	0	163
Thornburg city	40	64	0	0	0	0	0	64
Webster city	49	79	0	0	0	0	0	79
What Cheer city	361	571	1	0	2	0	0	574
Rural county	1,644	2,976	2	0	3	5	0	2,986
Total for County	4,834	8,255	11	2	12	14	1	8,295

Lee County								
Donnellson city	416	720	1	1	0	3	0	725
Fort Madison city	5,189	8,016	368	438	17	29	2	8,870
Franklin city	58	102	1	0	0	0	0	103
Houghton city	47	84	0	0	0	0	0	84
Keokuk city	5,576	8,747	50	310	17	42	2	9,168
Montrose city	362	696	10	3	0	0	0	709
St. Paul city	49	85	0	0	0	0	0	85
West Point city	422	786	1	0	0	1	0	788
Rural county	4,278	8,070	54	35	9	4	0	8,172
Total for County	16,397	27,306	485	787	43	79	4	28,704

Louisa County								
Rural county	16	19	0	1	0	0	0	20
Total for County	16	19	0	1	0	0	0	20

Lucas County								
Chariton city	2,197	3,484	9	2	6	7	2	3,510
Derby city	68	99	0	0	0	0	0	99
Lucas city	107	169	2	0	0	0	0	171
Russell city	260	402	5	0	4	0	0	411
Williamson city	77	123	2	0	1	0	0	126
Rural county	1,341	2,319	8	0	1	0	0	2,328
Total for County	4,050	6,596	26	2	12	7	2	6,645

Mahaska County								
Beacon city	192	358	0	0	0	3	0	361
Eddyville city	69	141	0	0	0	0	0	141
Fremont city	316	516	7	1	0	0	0	524
Keomah Village city	48	79	0	0	0	0	0	79
Leighton city	58	103	0	0	0	0	0	103
New Sharon city	544	844	0	0	0	0	0	844
Oskaloosa city	4,638	7,855	50	34	8	83	4	8,034
Rose Hill city	75	125	0	0	0	0	0	125

University Park city	203	435	5	0	0	4	0	444
Rural county	2,611	4,863	1	1	3	4	0	4,872
Total for County	8,754	15,319	63	36	11	94	4	15,527
Marion County								
Bussey city	218	355	2	0	0	0	0	357
Hamilton city	56	94	0	0	0	0	0	94
Harvey city	107	157	0	0	0	2	0	159
Knoxville city	3,420	6,225	24	42	13	16	0	6,320
Marysville city	23	46	0	0	2	0	0	48
Melcher-Dallas city	531	896	9	0	1	0	0	906
Pella city	3,179	6,967	50	21	6	121	0	7,165
Rural county	2,033	3,769	8	21	4	2	0	3,804
Total for County	9,567	18,509	93	84	26	141	0	18,853
Monroe County								
Albia city	1,771	2,931	1	6	4	2	0	2,944
Lovilia city	250	410	4	2	0	0	0	416
Melrose city	80	111	0	0	0	1	0	112
Rural county	1,607	2,566	5	5	4	3	0	2,583
Total for County	3,708	6,018	10	13	8	6	0	6,055
Van Buren County								
Birmingham city	192	303	1	0	1	0	0	305
Bonaparte city	225	334	1	0	0	0	0	335
Cantril city	124	182	5	2	1	2	0	192
Farmington city	330	483	4	0	0	0	0	487
Keosauqua city	483	813	2	0	1	3	0	819
Milton city	245	383	2	0	0	0	0	385
Mount Sterling city	23	38	0	0	0	0	0	38
Stockport city	131	190	1	0	0	0	0	191
Rural county	1,730	2,899	4	2	0	4	0	2,909
Total for County	3,483	5,625	20	4	3	9	0	5,661
Wapello County								
Agency city	276	476	1	1	0	0	0	478
Blakesburg city	171	279	0	0	0	0	0	279
Chillicothe city	48	89	0	0	0	0	0	89
Eddyville city	353	577	2	0	1	0	0	580
Eldon city	487	818	3	0	2	0	0	823
Kirkville city	72	126	0	0	0	0	0	126
Ottumwa city	10,910	18,436	105	181	43	81	8	18,854
Rural county	3,316	5,837	17	15	13	7	1	5,890
Total for County	15,633	26,638	128	197	59	88	9	27,119
Warren County								
Rural county	30	56	0	0	0	0	0	56
Total for County	30	56	0	0	0	0	0	56
Washington County								

Brighton city	290	484	2	0	2	2	0	490
Coppock city	2	5	0	0	0	0	0	5
Crawfordsville city	120	198	1	0	0	0	0	199
Washington city	3,013	5,250	79	35	4	17	0	5,385
West Chester city	72	130	0	0	1	0	0	131
Rural county	1,086	2,006	4	1	1	0	0	2,012
Total for County	4,583	8,073	86	36	8	19	0	8,222

Wayne County								
Allerton city	275	415	2	0	0	4	0	421
Clio city	46	78	0	0	0	0	0	78
Corydon city	825	1,328	2	0	4	3	0	1,337
Humeston city	304	442	1	0	0	0	0	443
Lineville city	160	240	0	0	0	0	0	240
Millerton city	19	32	0	0	0	0	0	32
Promise City city	67	99	0	0	0	0	0	99
Seymour city	407	664	0	1	2	0	0	667
Rural county	1,205	2,080	11	0	2	0	0	2,093
Total for County	3,308	5,378	16	1	8	7	0	5,410

POPULATION 18 AND OVER

State, County, City	Households	White	Hispanic	Black	Am Indian	Asian	Other	Total
Missouri	51,053	84,635	354	792	155	254	23	86,213
Adair County								
Brashear city	132	230	0	0	0	0	0	230
Gibbs town	43	56	0	0	1	0	0	57
Greentop city	30	53	0	0	1	3	0	57
Kirksville city	6,927	13,724	112	179	13	186	4	14,218
Millard village	32	51	0	0	0	0	0	51
Novinger city	264	389	1	0	3	0	1	394
Rural county	2,638	4,571	16	6	11	5	0	4,609
Total for County	10,066	19,074	129	185	29	194	5	19,616
Chariton County								
Marceline city	3	6	0	0	0	0	0	6
Rural county	333	563	0	0	0	0	0	563
Total for County	336	569	0	0	0	0	0	569
Clark County								
Alexandria city	168	259	1	0	0	0	0	260
Kahoka city	981	1,631	4	1	2	1	0	1,639
Luray town	28	49	0	0	0	0	0	49
Revere town	56	81	0	0	1	0	0	82
Wayland city	200	303	0	0	0	0	0	303
Wyaconda city	184	257	2	0	0	0	0	259

Rural county	1,732	2,868	9	2	1	2	2	2,884
Total for County	3,349	5,448	16	3	4	3	2	5,476
Grundy County								
Galt city	156	212	2	0	0	1	0	215
Laredo city	119	163	0	0	0	0	0	163
Spickard city	183	238	1	0	0	1	0	240
Rural county	627	1,070	12	0	6	0	0	1,088
Total for County	1,085	1,683	15	0	6	2	0	1,706
Knox County								
Baring city	100	128	0	0	0	0	0	128
Edina city	676	997	5	2	0	0	0	1,004
Hurdland city	94	150	0	0	2	0	0	152
Knox City city	146	201	0	0	1	0	0	202
Newark town	60	64	0	0	1	1	0	66
Novelty town	71	109	0	0	0	0	0	109
Rural county	1,062	1,747	0	2	1	1	0	1,751
Total for County	2,209	3,396	5	4	5	2	0	3,412
Lewis County								
Canton city	969	2,068	11	74	1	14	0	2,168
Ewing city	207	322	5	0	2	0	0	329
La Belle city	330	431	4	54	1	1	0	491
La Grange city	516	730	2	96	0	1	1	830
Lewistown town	217	332	0	0	0	0	0	332
Monticello town	44	77	0	1	0	0	0	78
Rural county	1,922	3,575	3	16	7	0	0	3,601
Total for County	4,205	7,535	25	241	11	16	1	7,829
Linn County								
Brookfield city	2,461	3,681	20	57	3	4	0	3,765
Browning city	142	189	0	0	0	0	0	189
Bucklin city	307	462	6	0	0	0	0	468
Laclede city	190	294	1	3	1	1	0	300
Linneus city	165	258	0	2	2	0	0	262
Marceline city	1,259	1,957	19	8	4	0	0	1,988
Purdin city	112	159	0	0	1	0	0	160
Rural county	1,475	2,605	7	0	6	3	0	2,621
Total for County	6,111	9,605	53	70	17	8	0	9,753
Livingston County								
Rural county	33	60	0	0	0	2	0	62
Total for County	33	60	0	0	0	2	0	62
Macon County								
Atlanta city	186	299	0	0	0	1	0	300
Bevier city	314	487	2	3	0	1	0	493
Callao city	152	236	0	0	2	0	0	238
Elmer city	55	68	0	0	0	0	0	68

Rutledge town	52	59	1	1	0	0	0	61
South Gorin town	81	97	0	0	0	0	0	97
Rural county	1,019	1,697	5	1	2	0	0	1,705
Total for County	2,272	3,576	12	3	6	0	0	3,597
Shelby County								
Bethel town	84	91	0	0	0	0	2	93
Clarence city	511	752	4	13	4	1	0	774
Hunnewell city	101	146	4	5	0	1	0	156
Leonard town	45	67	0	0	0	0	0	67
Shelbina city	989	1,580	1	18	5	0	0	1,604
Shelbyville city	286	420	2	0	0	1	0	423
Rural county	1,216	2,008	3	3	5	0	0	2,019
Total for County	3,232	5,064	14	39	14	3	2	5,136
Sullivan County								
Browning city	49	58	0	0	0	0	0	58
Greencastle city	144	203	0	0	0	0	0	203
Green City city	340	514	0	0	2	0	0	516
Harris town	59	78	1	0	1	0	0	80
Humphreys town	66	76	0	0	1	0	0	77
Milan city	833	1,383	3	1	2	0	0	1,389
Newtown town	67	88	0	0	2	0	0	90
Osgood town	35	42	0	0	1	0	0	43
Pollock village	40	57	0	0	0	0	0	57
Rural county	1,419	2,420	8	0	2	2	0	2,432
Total for County	3,052	4,919	12	1	11	2	0	4,945



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BOB RICHARDSON
Vice President and Director of Engineering
W4RR

December 4, 1998

TO: Erica King

FROM: Bob Richardson

RE: KIMT and KWCH Grade B

For the purpose of this survey, certain counties were arbitrarily listed in either the grade A or grade B profiles. (Many counties fell into both areas and I tried to categorize the county based on where most of the county is located.)

KIMT-TV, Mason City, IA

Grade A

Cerro Gordo, Worth, Freeborn, Mower, Mitchell, Floyd, Chickasaw, Howard
69,820 households

Grade B

Dodge, Olmsted, Fillmore, Winona, Houston, Steele, Fairbault, Waseca, Rice, Winnebago, Kossuth, Hancock, Wright, Franklin, Hardin, Butler, Grundy, Bremer, Black Hawk, Fayette, Winneshiek, Allamakee
236,700 households

- **306,520 total households in grade A and grade B**
- **Grade B is 77.22% of KIMT's total coverage.**

KWCH-TV, Wichita, KS

Grade A

Ellsworth, Rice, Reno, Kingman, Sedgwick, Harvey, McPherson, Marion
224,460 households

Grade B

Stafford, Pratt, Barber, Harper, Sumner, Cowley, Butler, Chase, Morris,
Dickinson, Saline, Ottawa, Lincoln
89,850 households

- **314,310 total households in grade A and grade B**
- **Grade B is 28.59% of KWCH's total coverage.**

At first glance it would appear that these two stations serve roughly the same size markets. However, the Wichita (DMA 63) figures are for KWCH only and do not include its three satellite stations — KBSD, KBSH and KBSL — all part of the Wichita market. The KIMT, Mason City (DMA 147) figures are for its entire market.

Information from the 1995 *Broadcasting & Cable Yearbook*® and the 1996 *Television & Cable Factbook*®.

Bob Richardson